

UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade “A”

# JOURNAL CONTENTS

Economics

2020



'সমানো মন্ত্র সমিতি সমানী'

UNIVERSITY LIBRARY

UNIVERSITY OF NORTH BENGAL

Raja Rammohunpur, P.O- North Bengal University

Dist- Darjeeling, Pin- 734013, West Bengal

## Contents

Sl No.	Journal Title	Vol./Issue	Page no.
1	American Journal of Agricultural Economics	102(1-5)	1-10
2	Applied Economics Perspective and Policy	42(1-2, 4)	11-13
3	Ecological Economics	167-178	14-30
4	Economic and Political	55(1-47)	31-75
5	Indian Journal of Gender Studies	27(1-3)	76-81
6	Journal of Economic Literature	58(1, 3-4)	82-87
7	Journal of Political Economy	128(1-12)	88-100
8	Margin	14(1-4)	101-104
9	The American Economic Review	110(1-8, 11-12)	105-119
10	The American Economic Review: Insight	2(1)	120
11	The Indian Economic Journal	68(1-4)	121-128
12	The Journal of Economic Perspectives	34(1-4)	129-132

Volume 102  
Number 1  
January 2020

# American Journal of Agricultural Economics



## Lead Article with Discussion and Response

10 MAR 2021

Poverty and Growth in India over Six Decades . . . . .	4
<i>Gaurav Datt, Martin Ravallion, and Rinku Murgai</i>	
Comment on “Poverty and Growth in India Over the Past Six Decades” . . . . .	28
<i>Prabhu Pingali</i>	
“Poverty and Growth in India over the Past Six Decades” – Authors’ Response to Comment . . . . .	30
<i>Gaurav Datt, Martin Ravallion, and Rinku Murgai</i>	

## Articles

Moving Up or Just Surviving? Nonfarm Self-Employment in India. . . . .	32
<i>Joshua D Merfeld</i>	
Property Rights, Land Disputes and Water Scarcity: Empirical Evidence from Ethiopia . . . . .	54
<i>Salvatore Di Falco, Jérémy Laurent-Lucchetti, Marcella Veronesi, and Gunnar Kohlin</i>	
One-Off Subsidies and Long-Run Adoption—Experimental Evidence on Improved Cooking Stoves in Senegal. . . . .	72
<i>Gunther Bensch and Jörg Peters</i>	
In the Form of Bread? A Randomized Comparison of Cash and Food Transfers in Yemen . . . . .	91
<i>Benjamin Schwab</i>	
Armed Conflicts and Food Insecurity: Evidence from Boko Haram’s Attacks . . . . .	114
<i>Justin George, Adesoji Adelaja, and Dave Weatherspoon</i>	
Am I Getting a Good Deal? Reference-Dependent Decision Making When the Reference Price Is Uncertain. . . . .	132
<i>Vincenzina Caputo, Jayson L Lusk, and Rodolfo M Nayga</i>	
Got Milk? Using Nudges to Reduce Consumption of Added Sugar . . . . .	154
<i>Chien-Yu Lai, John A List, and Anya Samek</i>	
An Analysis of Beverage Size Restrictions. . . . .	169
<i>Brian A Bourquard and Steven Y Wu</i>	
Producer Response to Public Disclosure of Food-Safety Information . . . . .	186
<i>Michael Ollinger and John Bovay</i>	

Eyes in the Sky, Boots on the Ground: Assessing Satellite- and Ground-Based Approaches to Crop Yield Measurement and Analysis . . . . .	202
<i>David B Lobell, George Azzari, Marshall Burke, Sydney Gourlay, Zhenong Jin, Talip Kilic, and Siobhan Murray</i>	
Probability Distributions of Crop Yields: A Bayesian Spatial Quantile Regression Approach . . . . .	220
<i>A Ford Ramsey</i>	
The Development of a Weather-based Crop Disaster Program . . . . .	240
<i>Eric J Belasco, Joseph Cooper, and Vincent H Smith</i>	
Productivity Spillovers From Pollution Reduction: Reducing Coal Use Increases Crop Yields . . . . .	259
<i>Konstantinos Metaxoglou and Aaron Smith</i>	
Additionality from Payments for Environmental Services with Technology Diffusion. . . . .	281
<i>Nicholas J Pates and Nathan P Hendricks</i>	
Protecting Species through Legislation: The Case of Sea Turtles . . . . .	300
<i>Michael Brei, Agustín Pérez-Barahona, and Eric Strobl</i>	
The Robinson–Patman Act and Vertical Relationships . . . . .	329
<i>Koichi Yonezawa, Miguel I Gómez, and Timothy J Richards</i>	
The Dynamics and Volatility of Prices in a Vertical Sector . . . . .	353
<i>Jean-Paul Chavas and Fanghui Pan</i>	

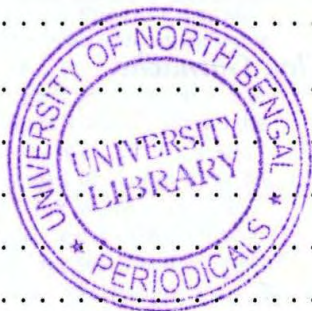
Volume 102  
Number 2  
March 2020

# American Journal of Agricultural Economics

## AAEA Fellows

TU MAR 2021

1957-2019 . . . . .	374
Mary Bohman . . . . .	378
Kevin J. Boyle . . . . .	380
Matin Qaim . . . . .	382
Ian Sheldon . . . . .	384
Wallace Tyner . . . . .	386



## AAEA Presidents

1910-2019 . . . . .	388
Keith H. Coble . . . . .	391

## Presidential Address

Relevant and/or Elegant Economics . . . . .	392
<i>Keith H. Coble</i>	

## Fellow Address

Historical and Institutional Perspectives on American Agricultural Development . . . . .	400
<i>Alan L. Olmstead</i>	

## Articles

Income Targeting and Farm Labor Supply . . . . .	419
<i>Timothy J. Richards</i>	
Value of Incorporating ENSO Forecast in Crop Insurance Programs . . . . .	439
<i>Fujin Yi, Mengfei Zhou, and Yu Yvette Zhang</i>	
Consumer and Strategic Firm Response to Nutrition Shelf Labels . . . . .	458
<i>Sofia B. Villas-Boas, Kristin Kiesel, Joshua P. Berning, Hayley H. Chouinard, and Jill J. McChuskey</i>	
Parents' Demand for Sugar Sweetened Beverages for Their Pre-School Children: Evidence from a Stated-Preference Experiment . . . . .	480
<i>Ou Yang, Peter Sivey, Andrea M. de Silva, and Anthony Scott</i>	
Willingness to Pay versus Willingness to Vote: Consumer and Voter Avoidance of Genetically Modified Foods . . . . .	505
<i>Gina Waterfield, Scott Kaplan, and David Zilberman</i>	
Estimating Food Waste as Household Production Inefficiency . . . . .	525
<i>Yang Yu and Edward C. Jaenicke</i>	

Supply Fundamentals and Grain Futures Price Movements . . . . .	548
<i>Berna Karali, Scott H. Irwin, and Olga Isengildina-Massa</i>	
Are Corn Futures Prices Getting “Jumpy”? . . . . .	569
<i>Anabelle Couleau, Teresa Serra, and Philip Garcia</i>	
The Impact of Energy Sector on Overshooting of Agricultural Prices. . . . .	589
<i>Mahdi Asgari, Sayed H. Saghaian, and Michael R. Reed</i>	
Beyond Biomass: Valuing Genetic Diversity in Natural Resource Management . . . . .	607
<i>Michael R. Springborn, Amanda Faig, Allison Dedrick, and Marissa L. Baskett</i>	
When the Levee Breaks: Can Multi-Pollutant Markets Break the Dam on Point-Nonpoint Market Participation? . . . . .	625
<i>Carson Reeling, Richard D. Horan, and Cloé Garnache</i>	
New Growth Accounting. . . . .	641
<i>Binlei Gong</i>	

**AAEA Invited Papers**

Toward Optimal Meat Consumption . . . . .	662
<i>Bhagyashree Katare, H. Holly Wang, Jonathan Lawing, Na Hao, Timothy Park, and Michael Wetzstein</i>	
Do Sustainability Standards Benefit Smallholder Farmers Also When Accounting For Cooperative Effects? Evidence from Côte d’Ivoire . . . . .	681
<i>Jorge Sellare, Eva-Marie Meemken, Christophe Kouamé, and Matin Qaim</i>	
Incorporating Uncertainty into USDA Commodity Price Forecasts . . . . .	696
<i>Michael K. Adjemian, Valentina G. Bruno, and Michel A. Robe</i>	
Effect of Compliance Cost on the Supply of Bank Credit to Agriculture: A Differential Approach. . . . .	713
<i>Charles B. Moss and Dong Hee Suh</i>	

**Award-Winning Theses**

**OUTSTANDING MASTER’S THESES**

Social- Economic Benefits of Payment for Environmental Services in Yaque del Norte Watershed, Dominican Republic. . . . .	727
<i>Santa Felicita Rosario de Jesus</i>	
Impact of Khat Production on Household Welfare in Amhara Region of Ethiopia. . . . .	727
<i>Hanna L. Ruder</i>	
Wholesale Beef Futures Contracts. . . . .	728
<i>Robert Thompson</i>	

**OUTSTANDING DOCTORAL DISSERTATIONS**

An Evaluation of Policy Instruments for Sustainable Groundwater Management . . . . .	728
<i>Ellen Bruno</i>	
The Economics of Environmental Change: Essays on Climate and Water . . . . .	728
<i>Tamma Anne Carleton</i>	
Beyond Marginal Valuation: The Economic Impacts of Harmful Algal Blooms . . . . .	729
<i>David Wolf</i>	

## Lead Article with Discussion and Response

- The Price of Biodiesel RINs and Economic Fundamentals. . . . . 734  
*Scott H. Irwin, Kristen McCormack, and James H. Stock*
- Comment on “The Price of Biodiesel RINs and Economic Fundamentals”: US Biofuel Policy Failures Reveal Limitations of Market-Based Policy Instruments . . . . . 753  
*Bruce A. Babcock*
- “The Price of Biodiesel RINs and Economic Fundamentals”: US Biofuel Policy Failures Reveal Limitations of Market-Based Policy Instruments: Rejoinder – Authors' Response to Comment. . . . . 757  
*Scott H. Irwin, Kristen McCormack, and James H. Stock*

## Articles

- Estimating the Impact of Financial Investments on Agricultural Futures Prices using Changes in Volatility . . . . . 759  
*Michael Hachula and Malte Rieth*
- Reverse Endowment Effect for a New Product . . . . . 786  
*A. Banerji and Jeevant Rampal*
- Producer Attitudes Toward Output Price Risk: Experimental Evidence from the Lab and from the Field. . . . . 806  
*Marc F. Bellemare, Yu Na Lee, and David R. Just*
- Input Use Decisions with Greater Information on Crop Conditions: Implications for Insurance Moral Hazard and the Environment. . . . . 826  
*Jisang Yu and Nathan P. Hendricks*
- The Value of Public Information in Storable Commodity Markets: Application to the Soybean Market . . . . . 846  
*Christophe Gouel*
- Impacts of Retail and Export Demand on United States Cattle Producers . . . . . 866  
*Melissa G.S. McKendree, Glynn T. Tonsor, Ted C. Schroeder, and Nathan P. Hendricks*
- The Gains from Agricultural Groundwater Trade and the Potential for Market Power: Theory and Application. . . . . 884  
*Ellen M. Bruno and Richard J. Sexton*
- Market Structure and Resilience: Evidence from Potash Mine Disasters. . . . . 911  
*Hinnerk Gnutzmann, Oskar Kowalewski, and Piotr Śpiewanowski*
- The Role of Nonfarm Influences in Ricardian Estimates of Climate Change Impacts on US Agriculture . . . . . 934  
*Ariel Ortiz-Bobea*

Dairy Farm Management when Nutrient Runoff and Climate Emissions Count . . . . .	960
<i>Sanna Lötjönen, Esa Temmes, and Markku Ollikainen</i>	
Estimating the Impact of Welfare Programs on Agricultural Output: Evidence from India . . . . .	982
<i>Girish Bahal</i>	
Does Relative Deprivation Induce Migration? Evidence from Sub-Saharan Africa . . . . .	999
<i>Kashi Kafle, Rui Benfica, and Paul Winters</i>	
Exchange Rate Effects on Agricultural Exports: Transaction-Level Evidence from Pakistan . . . . .	1020
<i>Salamat Ali</i>	

**Reviews**

<i>Farm to Market Podcast: Episode 2 “It’s Not Your Granddaddy’s Steak,”</i> Dr. Derrell Peel and Charlie Amos . . . . .	1045
<i>Benjamin Campbell</i>	
Food Loss and Food Waste: Causes and Solutions by Michael Blakeney . . . . .	1047
<i>Brenna Ellison</i>	
Media Review: “What Happens When a State Grows Way Too Much Weed?” by <i>VICE News</i> (Reporter: Roberto Ferdman) . . . . .	1050
<i>Benjamin Schwab</i>	

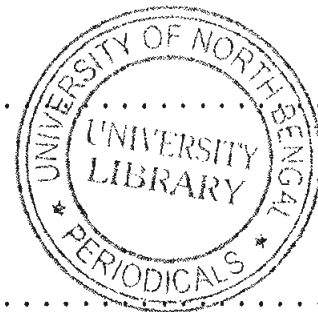
Volume 102  
Number 4  
August 2020

# American Journal of Agricultural Economics

10 MAR 2021

## Lead Article with Discussion and Response

- The Effects of Untying International Food Assistance: The Case of Canada. . . . . 1056  
*Ryan Cardwell and Pascal L. Ghazalian*
- Comment on “The Effects of Untying International Food Assistance:  
The Case of Canada” . . . . . 1079  
*Christopher B. Barrett*
- “The Effects of Untying International Food Assistance:  
The Case of Canada” — Authors’ Response to Comment . . . . . 1081  
*Ryan Cardwell and Pascal L. Ghazalian*



## Articles

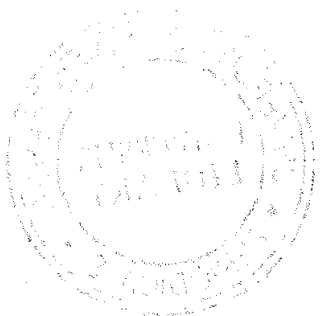
- Irrigation Investment on an American Indian Reservation. . . . . 1083  
*Muyang Ge, Eric C. Edwards, and Sherzod B. Akhundjanov*
- Substitutability of Freshwater and Non-Freshwater Sources in Irrigation:  
an Econometric Analysis. . . . . 1105  
*Israel Finkelshstein, Iddo Kan, and Mickey Rapaport-Rom*
- The Causal Impact of Medals on Wine Producers’ Prices and the Gains  
from Participating in Contests . . . . . 1135  
*Emmanuel Paroissien and Michael Visser*
- The Impact of Commercial Rainfall Index Insurance: Experimental  
Evidence from Ethiopia . . . . . 1154  
*Shukri Ahmed, Craig McIntosh, and Alexandros Sarris*
- Delayed Premium Payment, Insurance Adoption, and Household Investment  
in Rural China . . . . . 1177  
*Yanyan Liu, Kevin Chen, and Ruth V. Hill*
- The Sources of Measured US Agricultural Productivity Growth:  
Weather, Technological Change, and Adaptation. . . . . 1198  
*Robert G. Chambers and Simone Pieralli*
- A Bayesian State-Space Approach for Invasive Species Management:  
The Case of Spotted Wing Drosophila. . . . . 1227  
*Xiaoli Fan, Miguel I. Gómez, Shady S. Atallah, and Jon M. Conrad*
- Relative Versus Absolute Commodity Measurements in Benefit Transfer:  
Consequences for Validity and Reliability . . . . . 1245  
*Robert J. Johnston and Ewa Zawojka*
- The Power of Stories: Narratives and Information Framing Effects  
in Science Communication . . . . . 1271  
*Yang Yang and Jill E. Hobbs*

Corn Cash Price Forecasting ..... 1297  
*Xiaojie Xu*

**Reviews**

*Food and Nutrition Economics: Fundamentals for Health Sciences*,  
George C. Davis and Elena L. Serrano, 2016, Oxford University Press ..... 1321  
*Joanne F. Guthrie and Büng-Hwan Lin*

*Review of Routledge Handbook of Agricultural Economics*,  
Bruce L. Gardner and Gordon C. Rousser ..... 1323  
*Joel Cuffey*



Volume 102  
Number 5  
October 2020

# American Journal of Agricultural Economics



10 MAR 2021

## ASSA Invited Papers

- Curse of the Mummy-ji: The Influence of Mothers-in-Law on Women in India* . . . . . 1328  
*S Anukriti, Catalina Herrera-Almanza, Praveen K. Pathak, and Mahesh Karra*
- Rural Food Retailing and Independent Grocery Retailer Exits . . . . . 1352  
*Metin Çakir, Xiangwen Kong, Clare Cho, and Alexander Stevens*
- Intertemporal Arbitrage of Water and Long-Term Agricultural Investments:  
Drought, Groundwater Banking, and Perennial Cropping Decisions  
in California . . . . . 1368  
*Jesus Arellano-Gonzalez and Frances C. Moore*

## Articles

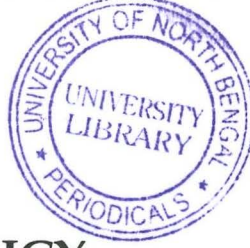
- The Millennium Droughts and Australian Agricultural Productivity Performance:  
A Nonparametric Analysis . . . . . 1383  
*Robert G. Chambers, Simone Pieralli, and Yu Sheng*
- A Tale of Two Borders: Use-Value Assessment, Land Development, and  
Irrigation Investment. . . . . 1404  
*Daniel P. Bigelow and Todd Kueth*
- Targeting of Water Rights Retirement Programs: Evidence from Kansas . . . . . 1425  
*Andrew B. Rosenberg*
- A Montero Auction Mechanism to Regulate Antimicrobial Consumption  
in Agriculture . . . . . 1448  
*Dagim G. Belay, Tenaw G. Abate, and Jørgen Dejgaard Jensen*
- Underground Knowledge: Estimating the Impacts of Soil Information Transfers  
Through Experimental Auctions . . . . . 1468  
*David M.A. Murphy, Dries Roobroeck, David R. Lee, and Janice Thies*
- Cognitive Ability and Bidding Behavior in Second Price Auctions:  
An Experimental Study. . . . . 1494  
*Ji Yong Lee, Rodolfo M. Nayga Jr, Cary Deck, and Andreas C. Drichoutis*
- Effects of Index Insurance on Demand and Supply of Credit: Evidence  
from Ethiopia . . . . . 1511  
*Temesgen Belissa, Robert Lensink, and Anne Winkel*
- Access to Formal Banks and New Technology Adoption: Evidence from India . . . . . 1532  
*Satadru Mukherjee*
- Land Fragmentation and Food Insecurity in Ethiopia . . . . . 1557  
*Erwin Knippenberg, Dean Jolliffe, and John Hoddinott*
- Has Technology Increased Agricultural Yield Risk? Evidence from the Crop  
Insurance Biotech Endorsement . . . . . 1578  
*Barry K. Goodwin and Nicholas E. Piggott*

Market Structure and the Local Effects of Ethanol Expansion on Land Allocation:  
A Spatially Explicit Analysis . . . . . 1598  
*Yanbing Wang, Michael S. Delgado, Juan Sesmero, and Benjamin M. Gramig*

**Reviews**

Lapham's Quarterly: Trade, Lewis H. Lapham, 2019, Lapham's Quarterly . . . . . 1623  
*Bowen Chen*

*The Future of Meat*, episode 367, February 13, 2019, Freakonomics Podcast: . . . . . 1626  
*Dominic Lemken*



# APPLIED ECONOMIC PERSPECTIVES AND POLICY

Formerly *Review of Agricultural Economics*

Volume 42  
Number 1  
March 2020

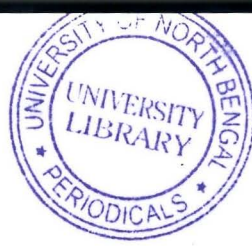
## CONTENTS

10 MAR 2021

### Special Issue: Adoption of Agricultural Innovations

#### Featured Articles

Understanding Adoption of Innovations and Behavior Change to Improve Agricultural Policy <i>David Pannell and David Zilberman</i>	3
Changes in Agricultural Extension and Implications for Farmer Adoption of New Practices <i>George W. Norton and Jeffrey Alwang</i>	8
Marketing and Technology Adoption and Diffusion <i>Amir Heiman, Joel Ferguson, and David Zilberman</i>	21
The Roles of Adoption and Behavior Change in Agricultural Policy <i>David J. Pannell and Roger Claassen</i>	31
Uncertainty, Learning, and Technology Adoption in Agriculture <i>Jean-Paul Chavas and Céline Nauges</i>	42
Agricultural Adoption and Behavioral Economics: Bridging the Gap <i>Nadia A. Streletskaia, Samuel D. Bell, Maik Kecinski, Tongzhe Li, Simanti Banerjee, Leah H. Palm-Forster, and David Pannell</i>	54
Limits to Profit Maximization as a Guide to Behavior Change <i>Alfons Weersink and Murray Fulton</i>	67
The Adopters versus the Technology: Which Matters More when Predicting or Explaining Adoption? <i>Oscar Montes de Oca Munguia and Rick Llewellyn</i>	80
Human Capital and Adoption of Innovations: Policy Implications <i>Wallace E. Huffman</i>	92
Predicting Adoption of Innovations by Farmers: What is Different in Smallholder Agriculture? <i>Rick S. Llewellyn and Brendan Brown</i>	100
Improving Gender Participation in Agricultural Technology Adoption in Asia: From Rhetoric to Practical Action <i>Maria Fay Rola-Rubzen, Thelma Paris, Jacob Hawkins, and Bibek Sapkota</i>	113



**APPLIED ECONOMIC  
PERSPECTIVES AND POLICY**  
*Formerly Review of Agricultural Economics*

Volume 42  
Number 2  
June 2020

**CONTENTS**

10 MAR 2021

**Featured Articles**

- AAEA Fellows  
Role of New Plant Breeding Technologies for Food Security and Sustainable  
Agricultural Development 129  
*Matin Qaim*
- Lessons from a Career in Agricultural Development and Research Evaluation 151  
*George W. Norton*
- Food Insecurity in the U.S.  
Healthcare and Hunger: Effects of the ACA Medicaid Expansions on Food Insecurity  
in America 168  
*Nicholas Moellman*
- Can Internet Surveys Mimic Food Insecurity Rates Published by the US Government? 187  
*Sunjin Ahn, Travis A. Smith, and F. Bailey Norwood*
- Trade Mitigation Programs  
Are Farmers Made Whole by Trade Aid? 205  
*Joseph P. Janzen and Nathan P. Hendricks*
- Distribution of Market Facilitation Program Payments and their Financial Impact for  
Illinois, Kansas, and Minnesota Farms 227  
*Nicholas D. Paulson, Allen M. Featherstone, and Joleen C. Hadrich*

**Submitted Articles**

- Flood Insurance and Claims: The Impact of the Community Rating System 245  
*Eugene Frimpong, Daniel R Petrolia, Ardian Harri, and John H. Cartwright*
- Eliciting Consumer Willingness to Pay for Home Internet Service: Closing the Digital Divide  
in the State of Indiana 263  
*John Lai, Nicole O. Widmar, and Courtney Bir*
- How Scary Are Food Scares? Evidence from Animal Disease Outbreaks 283  
*Matthew Houser and Berna Karali*
- Earnings, Wages, and Poverty Outcomes of US Farm and Low-Skill Workers 307  
*Bradford L. Barham, Ana P. Melo, and Thomas Hertz*
- Local Foods and Local Economic Performance 335  
*Maureen Stickel and Steven Deller*

# APPLIED ECONOMIC PERSPECTIVES AND POLICY

Formerly *Review of Agricultural Economics*

Volume 42

Number 4

December 2020

## CONTENTS

### Featured Articles

- Puzzles in Agricultural Futures Markets  
Returns to Investing in Commodity Futures: Separating the Wheat from the Chaff  
*Scott H. Irwin, Dwight R. Sanders, Aaron Smith, and Scott Main* 583
- Who Wins and Who Loses? Trader Returns and Risk Premiums in Agricultural Futures Markets  
*Nicole M. Moran, Scott H. Irwin, and Philip Garcia* 611
- Antibiotics in Livestock  
Incentivizing New Veterinary Pharmaceutical Products to Combat Antibiotic Resistance  
*Stacy Sneeringer and Matt Clancy* 653
- Impacts on Livestock Producers and Veterinarians of FDA Policies on Use of Medically Important Antibiotics in Food Animal Production  
*Stacy Sneeringer, Gianna Short, Matthew MacLachlan, and Maria Bowman* 674
- EU Agricultural Policy  
EU-Wide Impacts of the 2013 CAP Direct Payments Reform: A Farm-Level Analysis  
*Maria Espinosa, Kamel Louhichi, Angel Perni, and Pavel Ciaian* 695
- Impacts of the EU's Common Agricultural Policy "Greening" Reform on Agricultural Development, Biodiversity, and Ecosystem Services  
*Jordan Hristov, Yann Clough, Ullrika Sahlin, Henrik G. Smith, Martin Stjernman, Ola Olsson, Amanda Sahrbacher, and Mark V. Brady* 716

### Submitted Articles

- Property Tax Incidence on Cropland Cash Rent  
*Robert Dinterman and Ani L Katchova* 739
- Cargo Preference and U.S. International Food Aid Programs  
*Stephanie Mercier and Vincent Smith* 759
- Changes in Low-Income Households' Spending and Time Use Patterns in Response to the 2013 Sunset of the ARRA-SNAP Benefit  
*Jiyeon (June) Kim, Matthew P Rabbitt, and Charlotte Tuttle* 777
- An Empirical Analysis of the Welfare Consequences of Rising Food Prices in Urban China: The Easi Approach  
*Vardges Hovhannisyan and Aleksan Shanoyan* 796
- The Influence of Supply Management on Farmland Values in Ontario  
*Richard J Vyn and James Rude* 815
- Distributional Impacts of the Tax Cuts and Jobs Act Using Farm Household Microdata  
*Siraj G. Bawa and James M. Williamson* 835
- A State-Level Analysis of the Impact of a U.S.-EU Harmonization of Food Safety Standards on U.S. Exports of Fruits and Vegetables  
*David Karemera, Bo Xiong, and Louis Whitesides* 856
- The Impact of NuVal Shelf Nutrition Labels on Food Purchase  
*Chen Zhen and Xiaoyong Zheng* 870
- A COOL Tale: Economic Effects of the U.S. Mandatory Country of Origin Labeling Repeal  
*Amanda M Countryman and Alessandro Bonanno* 888



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 167

Contents

January 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

Obituary: Giorgio Nebbia (1926–2019)  
F. Ruzzenenti (Netherlands)

106437

## Surveys

Can product bundling increase the joint adoption of electric vehicles, solar panels and battery storage? Explorative evidence from a choice-based conjoint study in Austria  
A. Priessner and N. Hampf (Austria)

106381

## Analysis

Learning to change: Transformative knowledge for building a sustainable bioeconomy  
S. Urmetzler, J. Lask, R. Vargas-Carpintero and A. Pyka (Germany)

106435

South-South trade and sustainable development: The case of Ceylon tea  
M.J. Bloomfield (United Kingdom of Great Britain and Northern Ireland)

106393

Multiple shocks and households' choice of coping strategies in rural Cambodia  
T.-T. Nguyen (Germany, Viet Nam), T.T. Nguyen and U. Grote (Germany)

106442

Understanding farmers' reluctance to reduce pesticide use: A choice experiment  
B. Chèze, M. David and V. Martinet (France)

106349

Design and meaning of the genuine progress indicator: A statistical analysis of the U.S. fifty-state model  
M.-J.V. Fox and J.D. Erickson (USA)

106441

Compensating deforestation with forest surplus: Key regulatory issues within Brazil's atlantic forest  
J.C. da Cruz, C.F. Barella and A. Fonseca (Brazil)

106444

Agroforestry as a pathway to agricultural yield impacts in climate-smart agriculture investments: Evidence from southern Malawi

F.O. Amadu, D.C. Miller and P.E. McNamara (USA)

106443

Taking stock of the empirical evidence on the insurance value of ecosystems

M. Dallimer, J. Martin-Ortega, O. Rendon, S. Afionis, R. Bark (United Kingdom), I.J. Gordon (Australia) and J. Paavola (United Kingdom)

106451

Metabolic relationships between cities and hinterland: a political-industrial ecology of energy metabolism of Saint-Nazaire metropolitan and port area (France)  
J.-B. Bahers (France), A. Tanguy (Canada) and S. Pincett (United States of America)

106447

Swimming in their own direction: Explaining domestic variation in homegrown sustainability governance for aquaculture in Asia

Y. Sun (USA) and H. van der Ven (Canada)

106445

Private sustainability standards as tools for empowering southern pro-regulatory coalitions? Collaboration, conflict and the pursuit of sustainable palm oil  
K. Macdonald (Australia)

106439

Compounding the Disturbance: Family Forest Owner Reactions to Invasive Forest Insects

M. Markowski-Lindsay, M.E. Borsuk, B.J. Butler, M.J. Duveneck, J. Holt, D.B. Kittredge, D. Laflower, M.G. MacLean, D. Orwig and J.R. Thompson (United States of America)

106461

Human agency in the Anthropocene

I.M. Otto, M. Wiedermann, R. Cremades (Germany), J.F. Donges (Germany, Sweden), C. Auer and W. Lucht (Germany)

106463

Does it have to be a sacrifice? Different notions of the good life, pro-environmental behavior and their heterogeneous impact on well-being

M. Binder (Germany, USA), A.-K. Blankenberg (Germany) and J. Guardiola (Spain)

106448

Cost-benefit analysis of conservation policy: The red palm weevil in Catalonia, Spain

Á. Delgado Castillo (Spain), J.C.J.M. van den Bergh (Spain, the Netherlands), I. Savin (Spain, Russian Federation) and V. Sarto i Monteyes (Spain)

106453

*(Contents continued on inside back cover)*



0921-8009(202001)167:C;1-0

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

14 ScienceDirect

(Contents continued from outside back cover)

De-growth: Some suggestions from the Simpler Way perspective T. Trainer (Australia)	106436	Exposure to green areas: Modelling health benefits in a context of study heterogeneity A. Chiabai, S. Quiroga, P. Martinez-Juarez, C. Suárez, S. García de Jalón (Spain) and T. Taylor (United Kingdom)	106401
Adding fuel to fire? Social spillovers in the adoption of LPG in India S. Srinivasan (Switzerland) and S. Carattini (United States of America, Germany, United Kingdom of Great Britain and Northern Ireland, Switzerland)	106398	An operationalized classification of Nature Based Solutions for water-related hazards: From theory to practice E. Gómez Martín, M. Máñez Costa and K. Schwerdtner Máñez (Germany)	106460
<b>Methodological and Ideological Options</b> The sustainable development index: Measuring the ecological efficiency of human development in the anthropocene J. Hicckel (United Kingdom)	106331		

# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 168

Contents

February 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

Ecological economics in 2049: Getting beyond the argument  
culture to the world we all want  
R. Costanza (Australia)

106484

Institutions for sustainability—Towards an expanded  
research program for ecological economics  
A. Vatn (Norway)

106507

## Analysis

Developing a restoration narrative: A pathway towards  
system-wide healing and a restorative culture  
J. Blihnaut (South Africa) and J. Aronson (USA)

106483

Estimating inter-regional payments for ecosystem services:  
Taking China's Beijing-Tianjin-Hebei region as an  
example

Y. Lin, Z. Dong, W. Zhang and H. Zhang (China)

106514

Assessing the dynamics of natural capital on farms: A soil  
natural capital indicator  
M.A.S. Azad and T. Ancev (Australia)

106500

## Methodological and Ideological Options

REDD+ measurement; reporting and verification – A cost  
trap? Implications for financing REDD+MRV costs by  
result-based payments

M. Köhl (Germany), P.R. Neupane (Germany, Nepal)  
and P. Mundhenk (Germany)

106513

Economic benefits from plant species diversity in intensively  
managed grasslands  
S. Schaub, N. Buchmann, A. Lüscher and R. Finger  
(Switzerland)

106488



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 169

Contents

March 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

The need for ecological ethics in a new ecological economics

H. Washington and M. Maloney (Australia)

106478

Ecological economics for humanity's plague phase

W.E. Rees (Canada)

106519

## Surveys

Ecological economics and degrowth: Proposing a future research agenda from the margins

K. Hanaček, B. Roy, S. Avila and G. Kallis (Spain)

106495

## Analysis

Health shocks and natural resource extraction: A

Cambodian case study

T.T. Nguyen (Germany), T.L. Do (Vietnam),

G. Halkos (Greek) and C. Wilson (Australia)

106517

Productive ecosystem services and collective management:

Lessons from a realistic landscape model

F. Bareille (Italy, Rennes France) H. Boussard and

C. Thenail (France)

106482

French attitudes on climate change, carbon taxation and other climate policies

T. Douenne and A. Fabre (France)

106496

Hidden linkages between resources and economy: A "Beyond-GDP" approach using alternative welfare indicators

P. Kalimeris (Greece), K. Bithas (Greece, USA),

C. Richardson (Greece) and P. Nijkamp (the Netherlands)

106508

Incorporating the insurance value of peri-urban ecosystem services into natural hazard policies and insurance products: Insights from Mexico

G. Soto-Montes-de-Oca (Mexico, UK), R. Bark

(United Kingdom) and S. González-Arellano (Mexico)

106510

Payments for ecosystem services or collective stewardship of Mother Earth? Applying deliberative valuation in an indigenous community in Colombia

B. Lliso (Spain, Germany), U. Pascual (Spain, Switzerland),

S. Engel (Germany) and P. Mariel (Spain)

106499

Econ 101—In need of a sustainability transition

I. Røpke (Denmark)

106515

When policy implementation failures affect public preferences for environmental goods: Implications for economic analysis in the European water policy

Á. Perni, J. Barreiro-Hurlé and J.M. Martínez-Paz (Spain)

106523

Population growth and land development: Investigating the bi-directional interactions

Q. Tong (China, Canada) and F. Qiu (Canada)

106505

The Threat of Rent Extraction in a Resource-constrained Future  
B. Stratford (UK)

106524

Hidden cost of conservation: A demonstration using losses from human-wildlife conflicts under a payments for ecosystem services program

H. Yang, F. Lupi (USA), J. Zhang (China) and J. Liu (USA)

106462

Economic valuation of green and blue nature in cities:

A meta-analysis

M. Bockarjova, W.J.W. Botzen and M.J. Koetse

(the Netherlands)

106480

Climate change: Personal responsibility and energy saving  
D. Boto-García (Spain) and A. Bucciol (Italy)

106530

Is there a link between air pollution and impaired memory?

Evidence on 34,000 english citizens

N. Powdthavee and A.J. Oswald (UK)

106485

Managing conflicts between local land use and the

protection of the Ethiopian wolf: Residents' preferences

for conservation program design features

T.K. Estifanos (Australia, Ethiopia), M. Polyakov (Australia),

R. Pandit (Australia, Japan) A. Hailu and M. Burton

(Australia)

106511

Beyond cost and carbon: The multidimensional co-benefits of low carbon transitions in Europe

B.K. Sovacool (United Kingdom, Denmark), M. Martiskainen,

A. Hook and L. Baker (United Kingdom)

106529

Ecological economics in the age of fear

R. Muradian (Brazil) and U. Pascual (Spain, Switzerland)

106498

Economics for the future – Beyond the superorganism

N.J. Hagens (United States)

106520

Valuation of marine plastic pollution in the European Arctic:

Applying an integrated choice and latent variable model

to contingent valuation

T.G. Abate (Norway), T. Börger (UK), M. Aanesen,

J. Falk-Andersson (Norway), K.J. Wyles and N. Beaumont

(UK)

106521

When do people exploit moral wiggle room? An experimental

analysis of information avoidance in a market setup

K. Momsen and M. Ohndorf (Austria)

106479

Norms and the willingness to pay for coastal ecosystem

restoration: A case of the Tokyo Bay intertidal flats

K. Tokunaga, H. Sugino, H. Nomura and Y. Michida (Japan)

106423

Simple Adaptive Rules Describe Fishing Behaviour

Better than Perfect Rationality in the US West Coast

Groundfish Fishery

E. Carrella (UK), S. Saul, K. Marshall, M.G. Burgess,

R.B. Cabral (USA), R.M. Bailey (UK), C. Dorsett,

M. Drexler (USA), J.K. Madsen (UK) and A. Merkl (USA)

106449

(Contents continued on inside back cover)



0921-8009(202003)169:C;1-K

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

17 ScienceDirect



(Contents continued from outside back cover)

The role of local stakeholders in disseminating knowledge for supporting the circular economy: a network analysis approach S. Ghinoi (Finland), F. Silvestri (Italy) and B. Steiner (Finland)	106446	The role of social influence in crop residue management: Evidence from Northern India A.A. Lopes, A. Viriyavipart and D. Tasneem (United Arab Emirates)	106563
Southern Responses to Fair Trade Gold: Cooperation, Complaint, Competition, Supplementation K. Sippl (United States of America)	106377	Effective alleviation of rural poverty depends on the interplay between productivity, nutrients, water and soil quality S. Radosavljevic, L.J. Haider, S.J. Lade and M. Schlüter (Sweden)	106494
Afforestation and avoided deforestation in a multi-regional integrated assessment model M. Eriksson (USA)	106452	Do improved pollination services outweigh farm-economic disadvantages of working in small-structured agricultural landscapes? – Development and application of a bio-economic model S. Kirchweger (Austria), Y. Clough (Sweden), M. Kapfer, I. Steffan-Dewenter (Germany) and J. Kantelhardt (Austria)	106535
Measuring the value of ecosystem-based fishery management using financial portfolio theory I. Carmona (Spain), A. Ansuategi (University of the Basque Country (UPV/EHU), Basque Centre for Climate Change (BC3) ), J.M. Chamorro (University of the Basque Country (UPV/EHU) ), M. Escapa (University of the Basque Country (UPV/EHU), Basque Centre for Climate Change (BC3) ), M.C. Gallastegui (University of the Basque Country (UPV/EHU) ) A. Murillas and R. Prellezo (Spain)	106431	Can upstream ecosystems ensure safe drinking water— Insights from Sweden N. Westling, P.M. Stromberg and R.B. Swain (Sweden)	106552
Attitudes towards climate policies in a macrodynamic model of the economy M.J. Dávila-Fernández and S. Sordi (Italy)	106319	Tele-connecting urban food consumption to land use at multiple spatial scales: A case study of beef in Taiwan Y.C.Y. Chung and T.-C. Lee (Taiwan)	106506
Biodiversity offsets and payments for environmental services: Clarifying the family ties A.-C. Vaissière, F. Quétier, C. Calvet, H. Levrel (France) and S. Wunder (Spain, Peru)	106428	Using satellite imagery to assess impacts of soil and water conservation measures: Evidence from Ethiopia's Tana-Beles watershed D.A. Ali, K. Deininger and D. Monchuk (United States)	106512
Mechanisms behind concurrent payments for ecosystem services in a Chinese nature reserve A. Yost, L. An, R. Bilborrow (USA), L. Shi (China), X. Chen, S. Yang (USA) and W. Zhang (China)	106509	Looking for the Inverted Pyramid: An Application Using Input-Output Networks L. Cahen-Fourot (Austria), E. Campiglio (Austria, United Kingdom of Great Britain and Northern Ireland), E. Dawkins (United States of America), A. Godin (France, Germany) and E. Kemp-Benedict (United States of America)	106554
Socially optimal forest management and biodiversity conservation in temperate forests under climate change A.L.D. Augustynczyk, M. Gutsch, M. Basile, F. Suckow, P. Lasch, R. Yousefpour and M. Hanewinkel (Germany)	106504	On sustainability interpretations of the Ecological Footprint M. Syrovátka (Czech Republic)	106543
Predicting fires for policy making: Improving accuracy of fire brigade allocation in the Brazilian Amazon T. Fonseca Morello, R. Marchetti Ramos, L. O. Anderson (Brazil), N. Owen (UK), T.M. Rosan and L. Steil (Brazil)	106501	Natural Disasters and Governmental Aid: Is there a Charity Hazard? M.A. Andor, D. Osberghaus and M. Simora (Germany)	106534
Benefits of community fisheries management to individual households in the floodplains of the Amazon River in Brazil S.Z. Schons, G. Amacher, K. Cobourn and C. Arantes (United States of America)	106531	Sifting through the weeds: Understanding heterogeneity in fertilizer and labor response in Central Malawi S.A. Kopper, T.S. Jayne and S.S. Snapp (United States of America)	106561
Strategic behavior and dynamic externalities in commercial fisheries A.A. Klis and R.T. Melstrom (United States)	106503	An integrated biophysical and economic modeling framework for long-term sustainability analysis: the HARMONEY model C.W. King (United States)	106464
Effects of heterogeneous technological progress on haze pollution: Evidence from China M. Yi, Y. Wang (China), M. Sheng, B. Sharp (New Zealand) and Y. Zhang (China)	106533	Can social ecological economics of water reinforce the “big tent”? A. Buchs, O. Petit (France) and P. Roman (Belgium)	106553
Biological and market responses of pine forests in the US Southeast to carbon fertilization J.D. Henderson, R. Parajuli and R.C. Abt (United States)	106491	Coupling Natural and Human Models in the Context of a Lake Ecosystem: Lake Mendota, Wisconsin, USA W. Weng, K.J. Boyle, K.J. Farrell, C.C. Carey, K.M. Cobourn, H.A. Dugan, P.C. Hanson, N.K. Ward and K.C. Weathers (USA)	106556
Natural insurance as condition for market insurance: Climate change adaptation in agriculture S.L. Jørgensen, M. Termansen (Denmark) and U. Pascual (Spain, Switzerland)	106489	Forest cover effects of payments for ecosystem services: Evidence from an impact evaluation in Brazil A.C. Oliveira Fiorini, C. Mullally, M. Swisher and F.E. Putz (United States)	106522
Available capital, utilized capital, and shadow prices in inclusive wealth accounting R. Yamaguchi (Japan)	106525	Climate change and agriculture in the Sudan: Impact pathways beyond changes in mean rainfall and temperature K. Siddig (Germany, the Sudan), D. Stepanyan, M. Wiebelt, H. Grethe (Germany) and T. Zhu (China)	106566

# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 170

Contents

April 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Analysis

- Exploring spillover effects of ecological lands: A spatial multilevel hedonic price model of the housing market in Wuhan, China  
T. Liu (China, USA), W. Hu (China), Y. Song (USA) and A. Zhang (China) 106568
- Non-monetary numeraires: Varying the payment vehicle in a choice experiment for health interventions in Uganda  
K. Meginnis, N. Hanley (UK), L. Mujumbusi (Uganda) and P.H.L. Lambertson (UK) 106569
- The methane footprint of nations: Stylized facts from a global panel dataset  
O. Fernández-Amador (Switzerland), J.F. Francois (Switzerland, UK, Germany), D.A. Oberdabernig and P. Tomberger (Switzerland) 106528
- Blind to carbon risk? An analysis of stock market reaction to the Paris Agreement  
I. Monasterolo (WU, USA) and L. de Angelis (Italy) 106571
- Optimal water pricing: Accounting for environmental externalities  
Y. Tsur (Israel) 106429
- Environmental Governance Dynamics: Some Micro Foundations of Macro Failures  
T. Bolognesi and S. Nahrath (Switzerland) 106555

- Water Resources as Determinants for Foreign Direct Investments in Land - A Gravity Analysis of Foreign Land Acquisitions\*  
C. Hirsch, T. Krisztin and L. See 106516
- The impact of climate change on demand of ski tourism - a simulation study based on stated preferences  
R. Steiger, E. Posch, G. Tappeiner and J. Walde (Austria) 106589

## Methodological and Ideological Options

- Quantifying the direct network effect for online platforms supporting industrial symbiosis: an agent-based simulation study  
L. Fraccascia (Italy, the Netherlands) 106587
- Using the generalised Q method in ecological economics: A better way to capture representative values and perspectives in ecosystem service management  
K. Grimsrud, M. Graesse and H. Lindhjem (Norway) 106588

## Short Communication

- Moral judgment of environmental harm caused by a single versus multiple wrongdoers: A survey experiment  
G. Grolleau, L. Ibanez and N. Mzoughi (France) 106586



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 171

Contents

May 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index.*

*Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

- Surveys**
- Leverage points for sustainability transformation: a review on interventions in food and energy systems  
C. Dorninger (Germany, Austria), D.J. Abson, C.I. Apetrei, P. Derwort (Germany), C.D. Ives (UK), K. Klaniécki, D.P.M. Lam (Germany), M. Langsenlehner (Austria), M. Riechers (Germany), N. Spittler (Iceland, France) and H. von Wehrden (Germany) 106570
- Analysis**
- Sweet spots are in the food system: Structural adjustments to co-control regional pollutants and national GHG emissions in China  
L.-J. Liu (China, Germany), Q.-M. Liang (China), F. Creutzig (Germany), H. Ward (Germany, the Netherlands) and K. Zhang (China) 106590
- Land tenure, climate and risk management  
M. Kalkuhl, G. Schwerhoff (Germany) and K. Waha (Germany, Australia) 106573
- Valuing diversification benefits through intercropping in Mediterranean agroecosystems: A choice experiment approach  
F. Alcon, C. Marín-Miñano, J.A. Zabala, M.-D. de-Miguel (Spain) and J.M. Martínez-Paz (Spain) 106593
- The bandwidth problem in telecoupled systems governance: Certifying sustainable winemaking in Australia and Chile  
E. Marola (Denmark), J. Schöpfner (Chile), C. Gallimore (United States) and K. Jespersen (Denmark) 106592
- An assessment of energy vulnerability in Small Island Developing States  
A. Genave, S. Blancard and S. Garabedian (France) 106595
- Resource management and joint-planning in fragmented societies  
B. Schultz (USA) 106481
- Timber or carbon? Evaluating forest conservation strategies through a discrete choice experiment  
C. Bocci, B. Sohngen, F. Lupi (United States of America) and B. Milian (Guatemala) 106601
- How much can we learn about voluntary climate action from behavior in public goods games?  
T. Goeschl, S.E. Kettner (Germany), J. Lohse (UK) and C. Schwioren (Germany) 106591
- The local effects of an innovation: Evidence from the French fish market  
L. Gobillon (CEPR and IZA) and F.-C. Wolff (France and TEPP, France.) 106594
- Ecosystem wealth in the Barents Sea  
S.F. Kvamsdal, L.K. Sandal and D. Poudel (Norway) 106602
- Perceptions of deforestation in the Argentinean Chaco: Combining Q-method and environmental justice  
E. Zepharovich, M.G. Ceddia and S. Rist (Switzerland) 106598
- The performance of natural resource management interventions in agriculture: Evidence from alternative meta-regression analyses  
L.A. De los Santos-Montero (Germany, Dominican Republic), B.E. Bravo-Ureta (USA), S. von Cramon-Taubadel (Germany) and E. Hasiner (Germany, USA) 106605
- International trade and air pollution damages in the United States  
Y. Xu, E. Dietzenbacher and B. Los (the Netherlands) 106599
- Multi-household grassland management pattern promotes ecological efficiency of livestock production  
R. Zhang, S. Tan (China), D. Hannaway (United States) and W. Dai (China) 106618
- Contributions of tourism-based Marine Conservation Agreements to natural resource management in Fiji  
S. Mangubhai, H. Sykes, M. Manley, K. Vukikomoala (Fiji) and M. Beattie (USA) 106607
- Measurement and economic valuation of carbon sequestration in Nova Scotian wetlands  
K. Gallant, P. Withey, D. Risk, G.C. van Kooten and L. Spafford (Canada) 106619
- Economics of underproduction: A polycentric approach for a depopulated commons in Japan  
A. Sarker (Malaysia) 106597
- Special Section on "Ecological Economics: The next 30 years", guest edited by Joshua Farley and Katie Kish**
- Surveys**
- An ecological monetary theory  
J. Ament (USA) 106421
- Special Section on "Social mobilization and the commons: a virtuous circle?", guest edited by Sergio Villamayor, Gustavo Garcia, Giacomo D'Alisa**
- Analysis**
- The rhizomatic expansion of commoning through social movements  
A. Varvarousis (Spain) 106596

*(Contents continued on inside back cover)*



0921-8009(202005)171:C;1-N

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

20 ScienceDirect



*(Contents continued from outside back cover)*

Corrigendum to “Digital transformation and localizing the Sustainable Development Goals (SDGs)” [Ecol. Econ. 169 (2020) 106490]  
S. ElMassah and M. Mohieldin (Egypt)

106604

Erratum to “Adding fuel to fire? Social spillovers in the adoption of LPG in India” [Ecol. Econ. 167 (2019) 106398]  
S. Srinivasan (Switzerland) and S. Carattini (United States of America, Germany, United Kingdom of Great Britain and Northern Ireland, Switzerland)

106603

# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 172

Contents

June 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## News and Views

- An Ecology and Economy Coupling Model. A global stationary state model for a sustainable economy in the Hamiltonian formalism  
M. Scalia, A. Angelini, F. Farioli, G.F. Mattioli, O. Ragnisco and M. Saviano (Italy) 106497

## Surveys

- Between Ostrom and Nordhaus: The research landscape of sustainability economics  
M.A. Drupp, S. Baumgärtner, M. Meyer, M.F. Quaas and H. von Wehrden (Germany) 106620
- The commodification of nature, a review in social sciences  
J. Smessaert (the Netherlands), A. Missemmer and H. Levrel (France) 106624
- Prices, information and nudges for residential electricity conservation: A meta-analysis  
P. Buckley (France) 106635

## Analysis

- How Green Public Procurement can drive conversion of farmland: An empirical analysis of an organic food policy  
H. Lindström, S. Lundberg and P.-O. Marklund (Sweden) 106622
- Ecological macroeconomics in the open economy: Sustainability, unequal exchange and policy coordination in a center-periphery model  
J. Althouse (France), G. Guarini (Italy) and J. Gabriel Porcile (Chile) 106628
- Uncertainties in macroeconomic assessments of low-carbon transition pathways - The case of the European iron and steel industry  
G. Bachner, J. Mayer, K.W. Steininger (Austria), A. Anger-Kraavi, A. Smith and T.S. Barker (UK) 106631
- Measuring and modeling energy resilience  
A. Gatto (UK, Azerbaijan) and C. Drago (Italy, UK) 106527
- Natural resources and conflict: A meta-analysis of the empirical literature  
P. Vesco (Sweden, Italy), S. Dasgupta, E. De Cian and C. Carraro (Italy) 106633
- Contemporary capitalisms and their social relation to the environment  
L. Cahen-Fourot (Austria) 106634
- ## Methodological and Ideological Options
- Unequal raw material exchange between and within countries: Galicia (NW Spain) as a core-periphery economy  
P. Piñero (Finland), D. Pérez-Neira, J. Infante-Amate, M.L. Chas-Amil and X.R. Doldán-García (Spain) 106621

- Comparing the economic value of virtual water with volumetric and stress-weighted approaches: A case for the tea supply chain  
B.H. Lowe, D.R. Oglethorpe and S. Choudhary (UK) 106572
- Characteristics of the global copper raw materials and scrap trade systems and the policy impacts of China's import ban  
X. Hu, C. Wang (China), M.K. Lim (China, UK) and W.-Q. Chen (China) 106626
- The economic impacts of water supply restrictions due to climate and policy change: A transboundary river basin supply-side input-output analysis  
L. Eamen, R. Brouwer and S. Razavi (Canada) 106532
- ## Special Section on "Ecological Economics: The next 30 years", guest edited by Joshua Farley and Katie Kish
- Implementing ecological economics  
D. Batker (USA) 106606
- The social and environmental influences of population growth rate and demographic pressure deserve greater attention in ecological economics  
J.N. O'Sullivan (Australia) 106648

## Special Section on "Social mobilization and the commons: a virtuous circle?", guest edited by Sergio Villamayor, Gustavo Garcia, Giacomo D'Alisa

- ### Analysis
- Scaling up but losing out? Water commons' dilemmas between transnational movements and grassroots struggles in Latin America  
E. Dupuits (Ecuador), M. Baud, R. Boelens, F. de Castro and B. Hogenboom (Netherlands) 106625

## Special Section on "Ecological Economics of Water: Social and Political Perspectives", guest edited by Olivier Petit, Arnaud Buchs, Philippe Roman and Iratxe Calvo-mendieta

- ### Analysis
- The on-paper hydropower boom: A case study of corruption in the hydropower sector in Bosnia and Herzegovina  
Ö.C. Dogmus and J.Ø. Nielsen (Germany) 106630



0921-8009(202006)172:C;1-L

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

22 ScienceDirect



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 173

Contents

July 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Analysis

Climate change costs more than we think because people adapt less than we assume  
D: Gawith, I. Hodge (United Kingdom), F. Morgan (New Zealand) and A. Daigneault (USA) 106636

Trading off visual disamenity for renewable energy: Willingness to pay for seaweed farming for energy production  
S. Demel, A. Longo (United Kingdom) and P. Mariel (Spain) 106650

A multifunctional assessment of integrated and ecological farming in olive agroecosystems in southwestern Spain using the Analytic Hierarchy Process  
A.A. Rodríguez Sousa, C. Parra-López, S. Sayadi-Gmada, J.M. Barandica and A.J. Rescia (Spain) 106658

A tale of two utopias: Work in a post-growth world  
S. Mair, A. Druckman and T. Jackson (UK) 106653

Biodiversity conservation in a dynamic world may lead to inefficiencies due to lock-in effects and path dependence  
M. Drechsler and F. Wätzold (Germany) 106652

Comparing energy and material efficiency rebound effects: an exploration of scenarios in the GEM-E3 macroeconomic model  
A.C.H. Skelton (United Kingdom of Great Britain and Northern Ireland), L. Paroussos (Greece) and J.M. Allwood (United Kingdom of Great Britain and Northern Ireland) 106544

## Methodological and Ideological Options

Regulation, governance and the role of the informal sector in influencing environmental quality?  
R. Bali Swain (Sweden), U.S. Kambhampati (UK) and A. Karimu (Ghana) 106649

Ecosystem accounting for marine protected areas:  
A proposed framework  
B. Cavalletti, C. Di Fabio, E. Lagomarsino and P. Ramassa (Italy) 106623

## Special Section on "Social mobilization and the commons: a virtuous circle?", guest edited by Sergio Villamayor, Gustavo Garcia, Giacomo D'Alisa

Analysis  
Do commons management and movements reinforce each other? Comparative insights from Mexico and Sri Lanka  
S. Villamayor-Tomas (Spain), G. García-López (Portugal, Netherlands, Puerto Rico) and J. Scholtens (Netherlands) 106627

Rooted water collectives: Towards an analytical framework  
J. Vos, R. Boelens (the Netherlands), J.-P. Venot (France, Cambodia) and M. Kuper (Morocco) 106651

## Special Section on "Ecological Economics of Water: Social and Political Perspectives", guest edited by Olivier Petit, Arnaud Buchs, Philippe Roman and Iratxe Calvo-mendieta

Commentary  
Socioecological economics of water development in the Brazilian Amazon: Elements for a critical reflection  
A.A.R. Ioris (United Kingdom) 106654

Analysis  
Acquiring environmental flows: ecological economics of policy development in western U.S.  
B. Colby (United States of America) 106655



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 174

Contents

August 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Analysis

- Use and misuse of the net present value in environmental studies  
T. Knoke, E. Gosling and C. Paul (Germany) 106664
- Do individuals free ride on participation in environmental policies? Personal values and waste management practices  
S. Matsumoto (Japan) 106669
- Privatization or communalization: A multi-level analysis of changes in forest property regimes in China  
J. He (China), B. Kebede, A. Martin (UK) and N. Gross-Camp (USA) 106629
- The evolution of household-induced value chains and their environmental implications  
A. Franco Solís, A. F.T. Avelino and A. Carrascal-Incera (United States of America) 106667
- Governance of Payments for Ecosystem Ecosystem services influences social and environmental outcomes in Costa Rica  
K. Brownson, E.P. Anderson, S. Ferreira, S. Wenger, L. Fowler and L. German (USA) 106659
- Sustainability of agricultural basin development under uncertain future climate and economic conditions: A socio-hydrological analysis  
M. Roobavannan, J. Kandasamy (Australia), S. Pande (Netherlands), S. Vigneswaran (Australia) and M. Sivapalan (USA) 106665
- Analysis of proposed 20-year mineral leasing withdrawal in Superior National Forest  
J.H. Stock and J.T. Bradt (United States of America) 106663
- Motivating individuals for social transition: The 2-pathway model and experiential strategies for pro-environmental behaviour  
U.B. Thiermann and W.R. Sheate (United Kingdom of Great Britain and Northern Ireland) 106668
- The power of green defaults: the impact of regional variation of opt-out tariffs on green energy demand in Germany  
M. Kaiser (Denmark, Germany), M. Bernauer (Germany), C.R. Sunstein (USA) and L.A. Reisch (Denmark, Germany) 106685
- Simulating the effects of environmental and market variability on fishing industry structure  
S. Thanassekos and A.M. Scheld (USA) 106687
- What are the benefits of delisting endangered species and who receives them?: Lessons from the gray wolf recovery in Greater Yellowstone  
C. Sims, D. Aadland, D. Finnoff and J. Hochard (United States of America) 106656
- Environmental attitudes and place identity as determinants of preferences for ecosystem services  
M. Faccioli (United Kingdom), M. Czajkowski (Poland, Czech Republic), K. Glenk and J. Martin-Ortega (United Kingdom) 106600
- Do market and trust contexts spillover into public goods contributions? Evidence from experimental games in Papua New Guinea  
C. Rojas and J. Cinner (Australia) 106661

## Methodological and Ideological Options

- How do resource mobility and group size affect institutional arrangements for rule enforcement? A qualitative comparative analysis of fishing groups in South Korea  
H.C. Shin, D.J. Yu, S. Park, J.M. Anderies, J.K. Abbott, M.A. Janssen (USA) and T.K. Ahn (South Korea) 106657

## Special Section on "Social mobilization and the commons: a virtuous circle?", edited by Sergio Villamayor, Gustavo Garcia, Giacomo D'Alisa

- Analysis  
Potential benefits and challenges of the relationship between social movements and the commons in the city of Barcelona  
M. Pera (Spain) 106670



0921-8009(202008)174:C;1-H

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

24 ScienceDirect



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 175

Contents

September 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

- No-regret Pollution Abatement Options: A Correction of  
Bréchet and Jouvet (2009)  
A. Pottier and A. Nguyen-Huu (France) 106686

## Analysis

- Importer's risk, smuggling and the role of incentives in the  
management of animal diseases  
M. Pavleska and W.A. Kerr (Canada) 106672
- Public preference for river restoration in the Danda Basin,  
Nepal: A choice experiment study  
S.B. Kunwar, A.K. Bohara and J. Thacher  
(United States of America) 106690
- Moral Foundations and Voluntary Public Good Provision:  
The Case of Climate Change  
H. Welsch (Germany) 106696
- Cost-effective land-use options of drained peatlands—  
integrated biophysical-economic modeling approach  
A. Juutinen, A. Tolvanen, M. Saarimaa, P. Ojanen,  
S. Sarkkola, A. Ahtikoski, S. Haikarainen, J. Karhu,  
A. Haara, M. Nieminen, T. Penttilä, H. Nousiainen,  
J.-P. Hotanen, K. Minkkinen, M. Kurttila, K. Heikkinen,  
T. Sallantausta, K. Aapala and S. Tuominen (Finland) 106704
- Circular futures: What Will They Look Like?  
T. Bauwens, M. Hekkert and J. Kirchherr  
(the Netherlands) 106703
- Differences in Water Policy Efficacy across South African  
Water Management Areas  
C.T. Yerema, M. Wakamatsu, M. Islam, H. Fukai,  
S. Managi and B. Zhang (Japan) 106707
- Spotlight on Spatial Spillovers: An Econometric Analysis of  
Wastewater Treatment in Mexican Municipalities  
L.P. Hecker, F. Wätzold and G. Markwardt (Germany) 106693
- Consumer inequality aversion and risk preferences in  
community supported agriculture  
K. Bernard, A. Bonein and D. Bougherara (France) 106684
- The effect of an experimental veil of ignorance on  
intergenerational resource sharing: empirical evidence  
from a sequential multi-person dictator game  
S. Wolf and C. Dron (Germany) 106662

- Measuring the net benefits of payments for hydrological  
services programs in Mexico  
K.W. Jones, A. Mayer (USA), J. Von Thaden (Mexico),  
Z.C. Berry, S. López-Ramírez (USA), J. Salcone (USA,  
Switzerland), R.H. Manson (Mexico) and H. Asbjornsen  
(USA) 106666
- Do forest-management plans and FSC certification help  
avoid deforestation in the Congo Basin?  
I. Tritsch, G. Le Velly, B. Mertens (France), P. Meyfroidt  
(Belgium), C. Sannier (France), J.-S. Makak (Gabon) and  
K. Hounbedji (France) 106660
- Flying More Efficiently: Joint Impacts of Fuel Prices, Capital  
Costs and Fleet Size on Airline Fleet Fuel Economy  
Z. Csereklyei and D.I. Stern (Australia) 106714
- Causal Effect of Time-Use Behavior on Residential Energy  
Consumption in China  
B. Yu, X. Yang, Q. Zhao and J. Tan (China) 106706
- The Quest for Greener Pastures: Evaluating the Livelihoods  
Impacts of Providing Vegetation Condition Maps to  
Pastoralists in Eastern Africa  
E.A. Machado, H. Purcell, A.M. Simons and S. Swinehart  
(USA) 106708
- An Efficiency Perspective on Carbon Emissions and  
Financial Performance  
A. Trinks, M. Mulder (The Netherlands) and B. Scholtens  
(The Netherlands, UK) 106632

## Methodological and Ideological Options

- SYNERGY: A regional bio-economic model analyzing farm-  
to-farm exchanges and legume production to enhance  
agricultural sustainability  
J. Jouan, A. Ridier and M. Carof (France) 106688

## Book Review

- Book Review of *Speculative Harvests: Financialization,  
Food, and Agriculture*, by Jennifer Clapp and S. Ryan  
Isakson, *Agrarian Change and Peasant Studies*, 2018.  
C. Maeztu Redín (Spain) 106671



0921-8009(202009)175:C;1-F

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

25 ScienceDirect



# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 176

Contents

October 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

- East of nature. Accounting for the environments of social sciences  
S. Roth (France, Finland) and V. Valentinov (Germany) 106734

## Surveys

- Welfare Beyond Consumption: The Benefits of Having Less  
A. Hüttel, I. Balderjahn and S. Hoffmann (Germany) 106719
- Contract Design for Adoption of Agrienvironmental Practices: A Meta-analysis of Discrete Choice Experiments  
F. Mamine, M. Fares and J.J. Minviel (France) 106721

## Analysis

- Internet Use and Lower Life Satisfaction: The Mediating Effect of Environmental Quality Perception  
J. Zhang (China, USA), M. Cheng (China) and N. Yu (China, USA) 106725
- Environmental Justice in India: Incidence of Air Pollution from Coal-Fired Power Plants  
J. Kopas, E. York, X. Jin, S.P. Harish, R. Kennedy, S.V. Shen and J. Urpelainen (USA) 106711
- Determinants for the Implementation of Action-, Result- and Multi-Actor-Oriented Agri-Environment Schemes in Switzerland  
G. Mack, C. Ritzel and P. Jan (Switzerland) 106715
- How Might Climate Change Influence farmers' Demand for Index-Based Insurance?  
A. Leblois, T. Le Cotty and E. Maître d'Hôtel (France) 106716
- A New Socio-economic Indicator to Measure the Performance of Bioeconomy Sectors in Europe  
I. D'Adamo, P.M. Falcone and P. Morone (Italy) 106724
- Do Aquaculture Farmers Have an Incentive to Maintain Good Water Quality? The Case of Small-Scale Shrimp Farming in Indonesia  
V. Hukom, R. Nielsen, M. Asmild and M. Nielsen (Denmark) 106717
- Resource co-management as a step towards gender equity in fisheries  
C.T. Freitas, H.M.V. Espírito-Santo (Brazil), J.V. Campos-Silva (Brazil, Norway), C.A. Peres (United Kingdom, Brazil) and P.F.M. Lopes (Brazil) 106709
- Vulnerability to Natural Shocks: Assessing the Short-Term Impact on Consumption and Poverty of the 2015 Flood in Mozambique  
V. Salvucci (Denmark) and R. Santos (Finland) 106713

- Inequality in the Economic Impacts from Climate Shocks in Fisheries: The Case of Harmful Algal Blooms  
S.L. Jardine, M.C. Fisher, S.K. Moore and J.F. Samhour (USA) 106691
- Hedonic Price Estimates of Lake Water Quality: Valued Attribute, Instrumental Variables, and Ecological-Economic Benefits  
M.R. Moore, J.P. Doubek, H. Xu and B.J. Cardinale (United States of America) 106692
- Predicting the Food-Energy Nexus of Wild Food Systems: Informing Energy Transitions for Isolated Indigenous Communities  
T. Schwoerer, J.I. Schmidt (United States) and D. Holen (USA) 106712
- Beyond Current Guidelines: A Proposal for Bringing Behavioral Economics to the Design and Analysis of Stated Preference Surveys  
F. Schläpfer (Switzerland) and M. Getzner (Austria) 106720
- What Drives the Erasure of Protected Areas? Evidence from across the Brazilian Amazon  
D. Keles, P. Delacote (France), A. Pfaff (USA), S. Qin (Germany, USA) and M.B. Mascia (USA) 106733
- Fairtrade, Agrochemical Input Use, and Effects on Human Health and the Environment  
J. Sellare (Germany), E.-M. Meemken (Denmark, USA) and M. Qaim (Germany) 106718
- Using environmental knowledge brokers to promote deep green agri-environment measures  
P. Melindi-Ghidi (France.), T. Dedeurwaerdere (Belgium) and G. Fabbri (France) 106722
- Drought Intensity, Future Expectations, and the Resilience of Climate Beliefs  
P. Booth, P.J. Walsh and P. Stahlmann-Brown (New Zealand) 106735
- The Objectives of Stakeholder Involvement in Transdisciplinary Research. A Conceptual Framework for a Reflective and Reflexive Practise  
L. Schmidt (Germany), T. Falk (India), M. Siegmund-Schultze and J.H. Spangenberg (Germany) 106751
- Sustainable Development and Populism  
C. Kroll and V. Zipperer (Germany) 106723
- Is There Hope for the Double Dividend? How Social Context Can Shape Synergies and Tradeoffs between Sustainable Consumption and Well-Being  
A. Herziger, K.A. Claborn and J.S. Brooks (United States of America) 106736

(Contents continued on inside back cover)



0921-8009(202010)176:C;1-K

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

26 ScienceDirect



Vintage differentiated regulations and plant survival: Evidence from coal-fired power plants D. Coysh (United Kingdom), N. Johnstone, T. Kozluk, D. Nachtigall and M. Cárdenas Rodríguez (France)	106710	Costs and Carbon Benefits of Mangrove Conservation and Restoration: A Global Analysis C.C. Jakovac (Brazil, the Netherlands), A.E. Latawiec, E. Lacerda, I. Leite Lucas, K.A. Korys, A. Iribarrem, G.A. Malaguti (Brazil), R.K. Turner, T. Luisetti (UK) and B. Baeta Neves Strassburg (Brazil)	106758
Scrutinizing the direct rebound effect for French households using quantile regression and data from an original survey F. Belaïd, A.B. Youssef and N. Lazaric (France)	106755	Is It Sustainable to Implement a Regional Payment for Ecosystem Service Programme for 10 Years? An Empirical Analysis From the Perspective of Household Livelihoods Y. Yang, F. Wu, Q. Zhang, J. Hong and C. Dong (China)	106746
Building resilience to natural hazards through coastal governance: a case study of Hurricane Harvey recovery in Gulf of Mexico communities K.H. Dunning (United States of America)	106759	<b>Methodological and Ideological Options</b>	
The Physical Vulnerability to Climate Change Index: An Index to Be Used for International Policy S. Feindouno, P. Guillaumont and C. Simonet (France)	106752	Implications of Trends in Energy Return on Energy Invested (EROI) for Transitioning to Renewable Electricity M. Diesendorf and T. Wiedmann (Australia)	106726
A Conceptual Exploration and Critical Inquiry into the Theoretical Foundation(s) of Economic Welfare Measures J. Van der Slycken and B. Bleys (Belgium)	106753	Evaluating the Potential Contribution of Multi-Attribute Auctions to Achieve Agri-Environmental Targets and Efficient Payment Design D. Vergamini, D. Viaggi and M. Raggi (Italy)	106756
The Economy-Wide Value-at-Risk from the Exposure of Natural Capital to Climate Change and Extreme Natural Events: The Case of Wind Damage and Forest Recreational Services in New Zealand J.J. Monge and G.W. McDonald (New Zealand)	106747	Georgescu-Roegen's Flow-Fund Theory of Production in Retrospect Q. Couix (France)	106749
Digitalization and energy consumption. Does ICT reduce energy demand? S. Lange, J. Pohl and T. Santarius (Germany)	106760	<b>Special Section on "Ecological Economics: The next 30 years", edited by Joshua Farley and Katie Kish</b>	
The Effects of Aquaculture and Marine Conservation on Cultural Ecosystem Services: An Integrated Hedonic – Eudaemonic Approach E. Spanou (UK, Australia), J.O. Kenter (UK,) and M. Graziano (UK, USA)	106757	<u>Methodological and Ideological Options</u>	
		The Ecological Economics of Economic Democracy B. Akbulut (Canada) and F. Adaman (Turkey)	106750

# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 177

Contents

November 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

- Reply to Whitehead  
W.H. Desvousges, K.E. Mathews and K.E. Train (USA) 106769  
A comment on Desvousges et al. (Land Economics 2015):  
"An adding up test on contingent valuations of river and  
lake quality"  
J.C. Whitehead (USA) 106768  
Building dryland resilience: Three principles to support  
adaptive water governance  
G. Lopez Porras, L.C. Stringer and C.H. Quinn (UK) 106770

## Surveys

- Evaluating the Evaluated Socioeconomic Impacts of  
China's Sloping Land Conversion Program  
G. Lu (USA) and R. Yin (USA, China) 106785  
Emergence of New Economics Energy Transition Models:  
A Review  
S. Hafner, A. Anger-Kraavi (UK), I. Monasterolo (Austria)  
and A. Jones (UK) 106779

## Analysis

- The Impact of Snowstorms, Droughts and Locust  
Outbreaks on Livestock Production in Inner Mongolia:  
Anticipation and Adaptation to Environmental Shocks  
D.R. Crook, B.E. Robinson (Canada) and  
P. Li (People's Republic of China) 106761  
The Circular Economy and human needs satisfaction:  
Promising the radical, delivering the familiar  
R.K.M. Clube and M. Tennant (UK) 106772  
A method for predicting participation in a performance-  
based water quality trading program  
J.M. Duke, H. Liu, T. Monteith, J. McGrath and  
N.M. Fiorellino (USA) 106762  
Nudging Acceptability for Wood Ash Recycling in Forests:  
A Choice Experiment  
B. Ouvrard, J. Abildtrup and A. Stenger (France) 106748  
Tracking the carbon emissions of Denmark's five regions  
from a producer and consumer perspective  
O.-O.K. Albert, T. Marianne, L. Jonathan, J.L. Nino and  
C. Dario (Denmark) 106778

- Frontrunners and laggards: How fast are the EU member  
states progressing towards the sustainable development  
goals?  
M. Hametner and M. Kostetckaia (Austria) 106775  
Are All Colonies Created Equal? The Role of Honey Bee  
Colony Strength in Almond Pollination Contracts  
B.K. Goodrich and R.E. Goodhue (USA) 106744  
Stay or Leave? The Role of Air Pollution in Urban Migration  
Choices  
Z. Liu (PR China) and L. Yu (PR China, Germany) 106780  
Distributional impacts of soil erosion on agricultural  
productivity and welfare in Malawi  
S. Asfaw (Republic of Korea), G. Pallante and  
A. Palma (Italy) 106764  
Protecting warming lakes through climate-adaptive PES  
mechanisms  
R. Ranjan (India) 106782  
Biotech Crops, Input Use and Landslides Case Study of  
Herbicide Tolerant Corn in the Philippine Highlands  
L. Bequet (Belgium) 106773  
Willingness to pay for environmental protection and the  
importance of pollutant industries in the regional  
economy. Evidence from Italy  
L. Cicatiello, S. Ercolano, G.L. Gaeta and M. Pinto (Italy) 106774  
Linking Land and Sea Through an Ecological-Economic  
Model of Coral Reef Recreation  
K.L.L. Oleson, K.J. Bagstad, C. Fezzi, M.D. Barnes,  
M.K. Donovan, K.A. Falinski, K.D. Gorospe, H. Htun,  
J. Lecky (USA), F. Villa (Spain) and T.M. Wong (USA) 106788  
The Transition to a Sustainable Prosperity-A Stock-Flow-  
Consistent Ecological Macroeconomic Model for  
Canada  
T. Jackson (UK) and P.A. Victor (Canada) 106787  
Consumer Demand for Ethical Products and the Role of  
Cultural Worldviews: The Case of Direct-Trade Coffee  
P. Hindsley, D.M. McEvoy and O.A. Morgan (USA) 106776  
Do monetary rewards for spatial coordination enhance  
participation in a forest incentive program?  
H. Shimada (JAPAN) 106789

(Contents continued on inside back cover)



0921-8009(202011)177:C;1-I

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

28 ScienceDirect



(Contents continued from outside back cover)

### Methodological and Ideological Options

- Revisiting money and labor for valuing environmental goods and services in developing countries  
H.T. Kassahun (Australia), J.B. Jacobsen (Denmark) and C.F. Nicholson (USA, The Netherlands) 106771
- Limits to Liberalism: Considerations for the Anthropocene  
F. Creutzig (Germany) 106763
- Revealing the dominant discourses of stakeholders towards natural resource management in Port Resolution, Vanuatu, using Q-method  
A. Buckwell, C. Fleming, M. Muurmans, J.C.R. Smart, D. Ware and B. Mackey (Australia) 106781
- Group discussions on how to implement a participatory process in climate adaptation planning: a case study in Malaysia  
V. Palermo and Y. Hernandez (Italy) 106791

### Book Reviews

- Review of Handbook of Green Finance  
S. Duchêne (France) 106766

### Corrigenda

- Corrigendum to Moral Foundations and Voluntary Public Good Provision: The Case of Climate Change Volume 175, September 2020, 106696  
H. Welsch (Germany) 106786

- Corrigendum to costs and carbon benefits of mangrove conservation and restoration: a global analysis  
C.C. Jakovac (Brazil, The Netherlands), A.E. Latawiec (Brazil, Poland, UK), E. Lacerda, I.L. Lucas, K.A. Korys, A. Iribarrem, G.A. Malaguti (Brazil), R.K. Turner, T. Luisetti (UK) and B.B.N. Strassburg (Brazil) 106792

### Special Section on "Social mobilization and the commons: a virtuous circle?", edited by Sergio Villamayor, Gustavo Garcia, Giacomo D'Alisa

- Food Networks As Urban Commons: Case Study of a Portuguese "Prosumers" Group  
S. Moreira (Spain, Portugal) and M. Fuster Morell (USA)

### Special Section on "Sustainable Commodity Governance and the Global South" edited by Hamish van der Ven, Yixian Sun and Ben Cashore

- Can finance and market driven (FMD) interventions make "weak states" stronger? Lessons from the good governance norm complex in Cambodia  
B. Cashore and I. Nathan (Singapore)

# ECOLOGICAL ECONOMICS

The Transdisciplinary Journal of the International  
Society for Ecological Economics

Vol. 178

Contents

December 2020

*Contents list/Abstracts published in: Cambridge Scientific Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / AB & ES; Environment Abstracts; Environmental Periodical Bibliography (EPB); Geo Abstracts; International Bibliography of the Social Sciences; Rural Development Abstracts; Rural Extension, Education and Training Abstracts; Rural Sociology Abstracts; Urban Studies Abstracts; World Agricultural Economics; Science Citation Index. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.*

## Commentary

A review of socio-economic metabolism representations and their links to action: Cases in agri-food studies  
A.W. Gabriel, S. Madelrieux (France) and P. Lescoat (France.)

106765

The role of demographic and economic drivers on the environment in traditional and standardized STIRPAT analysis

J. Lohwasser, A. Schaffer and A. Brieden (Germany)

106811

## Analysis

The effects of green nudges on consumer valuation of bio-based plastic packaging

J. Wensing (Germany), V. Caputo (United States of America), L. Carraresi (France) and S. Bröring (Germany)

106783

Carbon and market effects of U.S. forest taxation policy  
A.J. Daigneault (USA), B.L. Sohngen and R. Sedjo (USA.)

106803

Has Cost Benefit Analysis Improved Decisions in Colombia? Evidence from the Environmental Licensing Process

A. Vargas, J.P. Sarmiento Erazo and D. Diaz (Colombia)

106807

A Socio-economic Indicator for EoL Strategies for Bio-based Products

I. D'Adamo, P.M. Falcone, E. Imbert and P. Morone (Italy)

106794

A Stochastic Economic Framework for Partitioning Biosecurity Surveillance Resources

B. Barnes, A.D. Arthur and N.J. Bloomfield (Australia)

106784

Sustaining Coupled Irrigation Infrastructures: Multiple Instruments for Multiple Dilemmas

S. Vallury, J.K. Abbott, H.C. Shin and J.M. Anderies (USA)

106793

"Environment-selected directors": An interactive simulation experiment of environmental representation on corporate boards

B. Tomlinson (USA, New Zealand), M.S. Silberman (Germany), A.W. Torrance, N. Nikols, R.W. Black, K. Squire, P.S. Atwal, A.N. Mandalik, S. Railkar and M.K. Workman (USA)

106795

Cultural Values, Deep Mining Operations and the Use of Surplus Groundwater for Towns, Landscapes and Jobs  
P. Legg, D. Hatton MacDonald (Australia), R.H. Bark (UK), M. Toccock, D. Tinch and J.M. Rose (Australia)

106808

The impact of *El Niño* phenomenon on dry forest-dependent communities' welfare in the northern coast of Peru

N. Pécastaing and C. Chávez (Peru)

106820

Linkages between agricultural policies, productivity and environmental sustainability

J. Lankoski (France) and A. Thiem (Switzerland.)

106809

Asian tiger mosquito far from home: Assessing the impact of invasive mosquitoes on the French Mediterranean littoral

I. Chiadmi, S.A.A. Traoré and J.-M. Salles (France)

106813

The Ecology of Money: A Critical Assessment

L. Larue (Sweden, Belgium)

106823

**Special Section on "Social mobilization and the commons: a virtuous circle?", edited by Sergio Villamayor, Gustavo Garcia, Giacomo D'Alisa**

Standing up for forest: A case study on Baiga women's mobilization in community governed forests in Central India

N. Tyagi and S. Das (India)

106812

**Special Section on "Ecological Economics: The next 30 years", edited by Joshua Farley and Katie Kish**

Ecological Economics Beyond Markets

S. Bliss and M. Egler (United States)

106806

Living to Spend Another Day: Exploring Resilience as a New Fourth Goal of Ecological Economics

C. Stanley (Canada)

106805



**Law on Trial in Uttar Pradesh**

7 The aggressive and intimidatory approach of the police is inimical to decent society and democratic norms.

**Short-sightedness of Farm Loan Waivers**

8 The deep-rooted agrarian distress necessitates effective long-term solutions.

**Ambedkar's Feminism**

10 Any hope for the emancipation of India's women would also impinge upon the destruction of the caste system. — *Karin Kapadia*

**Politics of Defections and BJP Strategy in Karnataka**

13 Defection and re-election of the members of the legislative assembly in Karnataka is part of the Bharatiya Janata Party's larger strategy in the state. — *Valerian Rodrigues*

**Telecom Woes in India: What Does It Tell Us about Regulation?**

16 The Supreme Court ruling has put the future of Vodafone-Idea at serious risk, but, what is the real issue that ails the sector? — *Yugank Goyal*

**Assessing the 25th Conference of Parties**

22 In an attempt to sideline the equity and climate justice-related perspectives of the developing countries, the developed countries are seeking to manipulate the science-policy interface. — *T Jayaraman*

**Remedies for India's Ailing Statistical System**

31 The protracted belligerence over the new series of gross domestic product data has dented the long-standing credibility of our statistical system. There is a need to not only come out of the present predicament, but also to find a way for enhancing the credibility of official statistics. — *R B Barman*

**Interpretations and Implications of Increasing Obesity**

37 The National Family Health Survey-3 and 4 data reveal that in the past 10 years, overweight/obesity among women in terms of Body Mass Index has increased quite sharply, necessitating an overhaul of India's food programmes to ensure comprehensive energy and nutrient adequacy. — *Sourindra Mohan Ghosh, Imrana Qadeer*

**Where Is All Our Health Data Going?**

46 The collection of digital personal health data could facilitate healthcare and referral services, but a strong and sensitive governance structure is needed to be put in place to enable its optimal use and to ensure that the data is not used to further the agendas of surveillance and control. — *Sundeep Sahay, Arunima Mukherjee*

**Probing into the Freedoms of Queer Liberation in India**

54 Rather than making a rupture with the contemporary majoritarian political climate, the reading down by the Supreme Court of Section 377 is, in fact, a continuation of a longer nationalist project aimed at consolidating the ideal citizen subject of the Indian nation state. — *Jason Keith Fernandes*

**EDITORIALS**

Law on Trial in Uttar Pradesh ..... 7  
Short-sightedness of Farm Loan Waivers ..... 8

**FROM THE EDITOR'S DESK**

The Politics of Denouncing Violence ..... 9

**FROM 50 YEARS AGO**

..... 9

**ALTERNATIVE STANDPOINT**

Ambedkar's Feminism  
— *Karin Kapadia* ..... 10

**COMMENTARY**

Politics of Defections and BJP Strategy in Karnataka  
— *Valerian Rodrigues* ..... 13

Telecom Woes in India: What Does It Tell Us about Regulation?  
— *Yugank Goyal* ..... 16

Vaunting Rhetoric versus Grim Realities: Assessing the 25th Conference of Parties  
— *T Jayaraman* ..... 22

27 JAN 2020

**BOOK REVIEWS**

*Hindi Publishing in Colonial Lucknow: Gender, Genre, and Visuality in the Creation of a Literary 'Canon'—The Lesser Known Life of a Hindi Journal in Colonial Lucknow*  
— *Smita Gandotra* ..... 26

*Art Attacks: Violence and Offence-Taking in India—Soft Targets*  
— *Sudhanva Deshpande* ..... 29

**PERSPECTIVES**

Re-engineering for Credibility: Remedies for India's Ailing Statistical System  
— *R B Barman* ..... 31

**SPECIAL ARTICLES**

Interpretations and Implications of Increasing Obesity in India: Data on Women from National Health Surveys  
— *Sourindra Mohan Ghosh, Imrana Qadeer* ..... 37

Where Is All Our Health Data Going?  
— *Sundeep Sahay, Arunima Mukherjee* ..... 46

Probing into the Freedoms of Queer Liberation in India  
— *Jason Keith Fernandes* ..... 54

**CURRENT STATISTICS** ..... 63

**APPOINTMENTS/PROGRAMMES ANNOUNCEMENTS** ..... 65

**LETTERS** ..... 4



**The Rising Tide of Student Protests**

7 The unleashing of masked terror in JNU has been countered with renewed spirits and solidarity.

**Trump and Tehran**

8 The United States' insatiable appetite for war is yet again proving to be a threat to world peace.

**Revisiting the NBFC Crisis**

10 Even while the effort to resolve the crisis resulting from non-performing assets in the banking sector was underway, India's financial sector was overwhelmed by failures of large non-banking financial companies.  
— C P Chandrasekhar

**Dalitness and the Idea of Brahmin**

12 Engaging with Suraj Yengde's book *Caste Matters*, an attempt has been made to negotiate with the notion of "Dalitness" and the idea of Brahmin, by problematising the relation between the discrete jatis and the political categories. — Srinivasa Ramanujam

**Compensation for Revenue Loss on Account of GST**

15 The introduction of the goods and services tax has resulted in a subsummation of taxes like local body tax, which used to be collected by "local authorities," making the demand for compensation by the local authorities (including cantonment boards) justified. — Sacchidananda Mukherjee

**Cost-effectiveness Threshold and Health Opportunity Cost**

19 A robustly determined opportunity cost of healthcare spending should serve as a proxy for setting up a cost-effectiveness threshold, and it should be used to advocate for greater resources towards achieving universal health coverage.  
— Shankar Prinja, Thiagarajan Sundararaman & V R Muraleedharan

**Public Funding of Universities**

32 The ongoing protests by the students against the fee hike in Jawaharlal Nehru University have brought to the fore the contentious issue of adequacy of public funding of universities. — Saumen Chattopadhyay

**The Continuing Practice of Untouchability in India**

36 The second wave of the India Human Development Survey data has been used to generate a socio-economic profile of those who practise untouchability in India, and check the hypothesis that households with a wider network outside the community are less likely to practise untouchability. — Amit Thorat, Omkar Joshi

**Sustainable SRI and Rice Production**

46 The experience of Tamil Nadu shows that the System of Rice Intensification offers an attractive opportunity for increasing food production per unit of water and improving efficiency. — Vibhu Nayar, V K Ravichandran, B C Barah & Norman Uphoff

**Multidimensional Poverty in Tripura: An Inter-temporal Analysis**

52 The changes in multidimensional poverty are analysed for the states of the north-eastern region in general, and Tripura in particular, from 2000 to 2015.  
— Niranjan Debnath, Salim Shah

**Postscript**

62 Sneha Annavarapu's personal essay explores the idea of "home" in the context of the protests against the CAA and NRC; Ananya on Finnish auteur Aki Kaurismäki's framing of displacement in his cinema; Avner Pariat cautions us on premature enthusiasm for foreign funding of projects in the North East; and Last Lines by Ponnappa.

**EDITORIALS**

The Rising Tide of Student Protests ..... 7  
Trump and Tehran ..... 8

**FROM THE EDITOR'S DESK**

University as an Idea ..... 9

**FROM 50 YEARS AGO** ..... 9

**HT PAREKH FINANCE COLUMN**

Revisiting the NBFC Crisis **27 JAN 2020**  
— C P Chandrasekhar ..... 10

**COMMENTARY**

Dalitness and the Idea of Brahmin  
— Srinivasa Ramanujam ..... 12  
Compensation to Cantonment Boards for Revenue Loss on Account of GST  
— Sacchidananda Mukherjee ..... 15  
Cost-effectiveness Threshold and Health Opportunity Cost: Achieving Universal Health Coverage  
— Shankar Prinja, Thiagarajan Sundararaman, V R Muraleedharan ..... 19

**BOOK REVIEWS**

Halla Bol: The Death and Life of Safdar Hashmi— Theatre and Politics of Safdar Hashmi  
— Shayoni Mitra ..... 25  
Agitation to Legislation: Negotiating Equity and Justice in India—UPA Regime and Civil Society  
— Ghanshyam Shah ..... 29

**INSIGHT**

Public Funding of Universities: In Pursuit of Efficiency, Equity and Excellence  
— Saumen Chattopadhyay ..... 32

**SPECIAL ARTICLES**

The Continuing Practice of Untouchability in India: Patterns and Mitigating Influences  
— Amit Thorat, Omkar Joshi ..... 36  
Sustainable SRI and Rice Production: Learnings from an Irrigated Agriculture Management Project in Tamil Nadu  
— Vibhu Nayar, V K Ravichandran, B C Barah, Norman Uphoff ..... 46  
Multidimensional Poverty in Tripura: An Inter-temporal Analysis  
— Niranjan Debnath, Salim Shah ..... 52

**CURRENT STATISTICS** ..... 59

**POSTSCRIPT**

Home Is Where the Revolution Is  
— Sneha Annavarapu (62)  
Kaurismäki's Navigation of Displacement  
— Ananya (63),  
Act East? Long-term Goals vs Short-term Gains in the North East—Avner Pariat (64),  
Last Lines (p 65)

**APPOINTMENTS/PROGRAMMES**

ANNOUNCEMENTS ..... 66

LETTERS ..... 4

**Underwhelming Judgment on Internet Shutdowns**

7 The Supreme Court has made no attempt to check the irregular imposition of internet shutdowns in J&K.

**When the FRDI Bill Returns**

8 When reintroduced, will the FRDI Bill address the issues of financial instability?

**A Decade of Decay**

10 Deep systemic failings in the last decade have come to the fore as the Supreme Court enters a new decade in the midst of an existential battle for relevance. — *Alok Prasanna Kumar*

**Is PLFS, 2017–18 Comparable with EUS, 2011–12?**

12 Towards improving data collection on socio-economic parameters, the National Sample Survey Office introduced the Periodic Labour Force Survey in 2017–18, replacing its previous quinquennial rounds on the employment and unemployment situation. — *Deepika Jajoria, Manoj Jatav*

**The Myth of Sustainable Development in Mumbai’s Infrastructure Projects**

16 The concept of sustainable development is juxtaposed with the ramifications the ongoing and proposed infrastructure projects in Mumbai have on the environment. — *Stalin Dayanand*

**Six Months of YSRCP Rule in Andhra Pradesh**

20 The Yuvajana Sramika Rythu Congress Party government is embroiled in controversies over policies pertaining to education, sand mining, and a new capital for the state. — *K Nageshwar*

**Indian Statistical System in a Troubled State**

29 If government control continues trampling upon the autonomy and integrity of the official statistical institutions in the country, then their reputation of competence and impartiality stands the risk of being marred. — *S L Shetty*

**Violence of Caste Embodiment in Higher Educational Institutions**

36 The everyday normalised brutality that dominant upper-caste bodies seem to inflict on Dalit Bahujans in elite higher educational institutions is addressed in this article. — *P Thirumal*

**Trade Mis-invoicing: Evidence from India, 2007–17**

41 Using disaggregated data for the period 2007–17, the existence of trade mis-invoicing in India is shown. — *Aastha Jain*

**Revisiting Factor Proportions in the Indian Economy**

47 Using Semi-Input–Output modelling, an analysis reveals that output and export distributions are largely aligned with factor endowments, while FDI distribution is skewed towards sectors with high capital proportions. — *Anjali Tandon*

**Persistence of Solid Fuel Use in Rural North India**

55 Survey evidence from rural North India shows persistent solid fuel use despite increases in liquefied petroleum gas ownership. — *Aashish Gupta, Sangita Vyas, Payal Hathi, Nazar Khalid, Nikhil Srivastav, Dean Spears & Diane Coffey*

**EDITORIALS**

Underwhelming Judgment on Internet Shutdowns ..... 7  
When the FRDI Bill Returns ..... 8

**FROM THE EDITOR’S DESK**

Truth of Protest ..... 9

**FROM 50 YEARS AGO**

..... 9

**LAW & SOCIETY**

A Decade of Decay ..... 10  
— *Alok Prasanna Kumar*..... 10



**COMMENTARY**

Is Periodic Labour Force Survey, 2017–18 Comparable with Employment–Unemployment Survey, 2011–12? ..... 12  
— *Deepika Jajoria, Manoj Jatav*..... 12

The Myth of Sustainable Development in Mumbai’s Infrastructure Projects ..... 16  
— *Stalin Dayanand*..... 16

Six Months of YSRCP Rule in Andhra Pradesh ..... 20  
— *K Nageshwar*..... 20

**BOOK REVIEWS**

*Caste Matters*—Being Dalit: Casteism and Radical Dalit Calling ..... 24  
— *Valerian Rodrigues*..... 24

*Bottle of Lies: Ranbaxy and the Dark Side of Indian Pharma*—Indian Pharma Fraud and Beyond ..... 26  
— *Anant Phadke*..... 26

**PERSPECTIVES**

Indian Statistical System in a Troubled State: A Viewpoint for Debate ..... 29  
— *S L Shetty*..... 29

Dominant Bodies and Their Ethical Performances: Violence of Caste Embodiment in Higher Educational Institutions ..... 36  
— *P Thirumal*..... 36

**SPECIAL ARTICLES**

Trade Mis-invoicing: Evidence from India, 2007–17 ..... 41  
— *Aastha Jain*..... 41

Revisiting Factor Proportions in the Indian Economy: A Study of Tradable Sectors ..... 47  
— *Anjali Tandon*..... 47

Persistence of Solid Fuel Use in Rural North India ..... 55  
— *Aashish Gupta, Sangita Vyas, Payal Hathi, Nazar Khalid, Nikhil Srivastav, Dean Spears, Diane Coffey*..... 55

**CURRENT STATISTICS** ..... 63

**APPOINTMENTS/PROGRAMMES ANNOUNCEMENTS** ..... 65

**LETTERS** ..... 4

**Food for Expediency**

7 The current food price inflation results from a systemic crisis of supply management in agriculture.

**Forebodings of Bright Orange Skies**

8 The Australian mega bushfires show again what the climate crisis means in reality.

**Modi's Multi-alignment and Nehru's Non-alignment**

10 Jawaharlal Nehru's non-alignment and Narendra Modi's multi-alignment are not averse to playing ball with the American hard as well as soft power. — *Atul Bhardwaj*

**Muslim Women Protestors of Shaheen Bagh**

13 The peaceful indefinite sit-in by the protestors at Shaheen Bagh helps us understand resistance as an expression of belonging and citizenship as a participatory tool. — *Irfanullah Farooqi*

**Forest Rights Act in Kinnaur, Himachal Pradesh**

16 The conflicting narratives from Kinnaur are discussed, where instead of being recognised under the FRA, the tribals are being ripped away from their identity and forest dependence. — *Aditi Vajpeyi, Vaishnavi Rathore*

**The University that Made a Difference**

27 The assault on students and faculty of Jawaharlal Nehru University has raised a number of questions about politics on the campuses of universities. — *Romila Thapar*

**Breaking through the Old Boys' Club**

33 A data-driven analysis of the trends of women's entry into the lower judiciary between 2007 and 2017 points to a direct relationship between methods of recruitment and women's representation in the judiciary. — *Sumathi Chandrashekar, Diksha Sanyal, Shreya Tripathy & Tarika Jain*

**New Evidences from the Kerala Migration Survey, 2018**

41 The Kerala Migration Survey 2018 undertaken by the Centre for Development Studies, sheds light on the various issues concerning migration and mobility, based on a large-scale sample survey of 15,000 households. — *S Irudaya Rajan, K C Zachariah*

**The Invisible Barriers to India's Educational Reforms**

50 Three decades of pedagogical reforms have failed to translate the learner-centred vision of national documents into reality due to entrenched cultural mindsets restricting a shift in India's education system. — *Suzana Brinkmann*

**Postscript**

61 *Satvik Gade* on the role of socially engaged art; *Anu Kumar's* reflection on her life-long fraught relationship with food; *Pranathi Diwakar* discovers the "other" side of her city, Chennai; and Last Lines by *Ponnappa*.



**EDITORIALS**

Food for Expediency ..... 7  
Forebodings of Bright Orange Skies..... 8

**FROM THE EDITOR'S DESK**

We, the People..... 9

**FROM 50 YEARS AGO**

..... 9

**STRATEGIC AFFAIRS**

Modi's Multi-alignment and Nehru's Non-alignment  
— *Atul Bhardwaj* ..... 10

**COMMENTARY**

Citizenship as Participation: Muslim Women Protestors of Shaheen Bagh  
— *Irfanullah Farooqi* ..... 13

Forest Rights Act in Kinnaur, Himachal Pradesh: A Bureaucratic Unmaking  
— *Aditi Vajpeyi, Vaishnavi Rathore*..... 16

**REFEREES CONSULTED IN 2019**..... 21

**BOOK REVIEWS**

*Religion as Critique: Islamic Critical Thinking from Mecca to the Marketplace*—Critique as a Way of Life  
— *Nandagopal R Menon*..... 22

*The Vulnerable Andaman and Nicobar Islands: A Study of Disasters and Response*—Perpetuating Disasters  
— *Manish Chandi* ..... 24

**PERSPECTIVES**

The University that Made a Difference  
— *Romila Thapar*..... 27

**SPECIAL ARTICLES**

Breaking through the Old Boys' Club: The Rise of Women in the Lower Judiciary  
— *Sumathi Chandrashekar, Diksha Sanyal, Shreya Tripathy, Tarika Jain* ..... 33

New Evidences from the Kerala Migration Survey, 2018  
— *S Irudaya Rajan, K C Zachariah*..... 41

The Invisible Barriers to India's Educational Reforms  
— *Suzana Brinkmann*..... 50

**CURRENT STATISTICS** ..... 58

**POSTSCRIPT**

Art for Whose Sake?—*Satvik Gade* (61), Why I Cannot Write about Food —*Anu Kumar* (62), The Other City —*Pranathi Diwakar* (63), Last Lines (64)

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS** ..... 65

**LETTERS** ..... 4

**Recent Shenanigans in Indian Statistics**

10 The instances of data suppression and leaks, in recent times, inadvertently reaffirm the integrity and professionalism of the official statisticians, but categorically indicate towards ministerial obtrusion in data dissemination. — *Pronab Sen*

**Indian Fiscal Federalism at the Crossroads**

14 The changing contours of union–state fiscal relations discussed in the context of the release of a recent book *Indian Fiscal Federalism* by Y V Reddy and G R Reddy are presented here. — *Lekha Chakraborty*

**The Politics of Inner Line Permit Extension to Manipur**

18 The extension of the Inner Line Permit by the Bharatiya Janata Party government at the centre to Manipur is an attempt to weaken the anticipated strong protests in the state against the Citizenship (Amendment) Act, 2019 and also, possibly, a means to negotiate the Meiteis’ opposition to the National Socialist Council of Nagaland (Isak-Muivah)’s intricate demand for Greater Nagalim. — *Batskhem Myrboh*

**Comparing Floods in Kerala and the Himalayas**

26 Similarities and differences between the Kerala floods in 2018 and 2019 and the Himalayan floods of Uttarakhand and Kashmir in 2013 and 2014, respectively, are discussed to suggest a holistic view towards addressing floods and dam management in these regions. — *Shekhar Pathak*

**Ahmedabad’s Impact on the Sabarmati River**

33 The Sabarmati river water quality, upstream and downstream of Ahmedabad, is analysed to assess the impact of the city on the river water quality using monthly data from April 2011 to March 2017. The findings point out that the impacts of water pollution caused by the city are borne by residents in the peri-urban areas. — *Neeru Bansal, R Parthasarathy*

**Sanitation and User Charges in Indian Slums**

38 Despite the efforts of successive governments, sanitation coverage remains low in India. While several studies have explored the impact of user financing on the improvement of sanitation facilities, this article looks at the conditions of housing, infrastructure and the surroundings of slums, under which different sanitation arrangements are made. — *Indranil De*

**Working Conditions of Ayahs in Private Healthcare**

46 Ayahs in private hospitals face a precarious life and poor working conditions. As caregivers, their work benefits patients and their families as well as the hospitals, but the issues they face are paid scant attention to by all the beneficiaries. — *Hemantika Basu*

**Subsidies, Merit Goods and the Fiscal Space for Reviving Growth**

52 Rationalising non-merit subsidies is one of several deep fiscal reform measures that could together free up massive fiscal space that can be used to finance an inclusive growth revival strategy. — *Sudipto Mundle, Satadru Sikdar*

**Assam’s Politics and the NRC**

61 A response to “Assam’s 2019 Verdict and the Anti-CAB Mobilisations” by Akhil Ranjan Dutta (*EPW*, 28 December 2019) points to long-run strategies that the Bharatiya Janata Party and its parent organisation have used to consolidate power in Assam. — *Deepankar Basu, Debarshi Das*

**EDITORIALS**

Takeover of the Elgaar Case by the NIA ..... 7

**COMMENT**

State Assembly Resolutions against the CAA ..... 8

**FROM THE EDITOR’S DESK**

Promissory Constitutionalism ..... 9

**FROM 50 YEARS AGO**

**COMMENTARY**

Recent Shenanigans in Indian Statistics  
— *Pronab Sen* ..... 10

Indian Fiscal Federalism at the Crossroads:  
Some Reflections  
— *Lekha Chakraborty* ..... 14

The Politics of Inner Line Permit Extension  
to Manipur  
— *Batskhem Myrboh* ..... 18

**REVIEW ARTICLE**

*A Theory of Imperialism; Imperialism in the  
Twenty-First Century: The Globalization of  
Production, Super-Exploitation, and the Crisis  
of Capitalism—Imperialism in the Age  
of Globalisation*  
— *Paramjit Singh* ..... 21

**PERSPECTIVES**

Comparing Floods in Kerala and the Himalayas  
— *Shekhar Pathak* ..... 26

Ahmedabad’s Impact on the Sabarmati River  
— *Neeru Bansal, R Parthasarathy* ..... 33

**SPECIAL ARTICLES**

Sanitation and User Charges in Indian Slums:  
Who Pays and How Does It Matter?  
— *Indranil De* ..... 38

Working Conditions of Ayahs in  
Private Healthcare  
— *Hemantika Basu* ..... 46

Subsidies, Merit Goods and the Fiscal Space  
for Reviving Growth: An Aspect of Public  
Expenditure in India  
— *Sudipto Mundle, Satadru Sikdar* ..... 52

**DISCUSSION**

Assam’s Politics and the NRC  
— *Deepankar Basu, Debarshi Das* ..... 61

**CURRENT STATISTICS** ..... 64

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS** ..... 66

**LETTERS** ..... 4



19 FEB 2020

**An Epistemic Change? Reading the CAA-NRC Protests**

10 An analysis of how the protests against the Citizenship (Amendment) Act and the National Register of Citizens points to the epistemic change in the political idiom in India. — *G N Devy*

**Addressing Primary Healthcare Deficiencies**

13 The National Medical Commission Bill, 2019 has neither given an unambiguous definition of community health workers nor spelt out how they could be effectively utilised for primary healthcare. — *Sharmila Mary Joseph*

**Can Maharashtra's New Government Prioritise Gender Responsive Budgets?**

16 Major gender-related policies in Maharashtra are analysed, and the expectations from the new government in the state regarding provisions for women are outlined. — *Sujata Gothoskar, Seema Kulkarni*

**Chhapaak: Of Corrosive Mindsets and the Undying Will of the Survivors**

20 The newly released film *Chhapaak* is used as a vehicle to comment on acid attacks as a heinous act and how the survivors brave the brutalities meted out to them. — *Swati Sehgal*

**Envisioning the India of 2047**

29 The graduates of universities eventually fit, by and large, into social positions as solid citizens, in spite of the deep uneasiness some of them may continue to have with the society. — *Shyam Menon*

**National Family Health Survey-4**

Seven articles use data from the National Family Health Survey to critically assessed issues related to health, fertility and social progress.

**Quality of Data in NFHS-4 Compared to Earlier Rounds**

40 The quality of data from the National Family Health Survey-4 is likely to be affected by overstretching of the number of questions administered and the increased involvement of commercial agencies. — *K Srinivasan, Rakesh Mishra*

**Trends, Differentials and Determinants of Child Marriage in India**

53 The government's conditional cash transfer scheme to enhance the value of the girl child needs revamping, and is recommended to be routed through the educational system in the form of fellowships for the girls, rather than disbursing cash incentives to the family. — *Sanjay Kumar*

**Frequently Asked Questions on Child Anthropometric Failures**

59 An analysis of child anthropometric failure in India finds non-response of economic growth on nutritional well-being and greater burden among the poor as two fundamental concerns. — *Sunil Rajpal, Rockli Kim, Rajan Sankar, Alok Kumar, William Joe & S V Subramanian*

**Stagnancy in the Unmet Need for Family Planning in India**

65 Trends in the level and nature of the unmet need for contraception, whether for spacing or limiting, are examined here on the basis of the data from the series of NFHS rounds. — *Purushottam M Kulkarni*

**Intimate Partner Violence: Effects on Maternity Care and Pregnancy Outcomes**

71 Using the National Family Health Survey 2015-16, it is found that intimate partner violence has adverse impacts on the pregnancy outcomes, maternal and newborns' health, and related healthcare access. — *Srinivas Goli, Md Juel Rana & Jitendra Gouda*

**Postscript**

85 *Rajlakshmi Kanjilal* and *P P Vijayalakshmi* on how the film *Delhi Safari* raises pertinent questions about the felling of trees in Aarey; *Isha Bhallamudi* questions whether Vijay Deverakonda's film choices have disrupted the misogyny in contemporary Telugu cinema; *Yunus Yacoob Lasania* on the "foreigners" who have contributed to making Hyderabad a melting pot of cultures; and Last Lines by *Ponnappa*.

**EDITORIALS**

A Longer Wait for Rescuing the Economy.....7  
The Tone and Tenor of the Election Campaign in Delhi.....8

**FROM THE EDITOR'S DESK**

Naming the Protest.....9

**FROM 50 YEARS AGO**.....9

**ALTERNATIVE STANDPOINT**

An Epistemic Change? Reading the CAA-NRC Protests — *G N Devy*.....10

**COMMENTARY**

Addressing Primary Healthcare Deficiencies: Role of Community Health Providers — *Sharmila Mary Joseph*.....13

Can Maharashtra's New Government Prioritise Gender Responsive Budgets? — *Sujata Gothoskar, Seema Kulkarni*.....16

*Chhapaak*: Of Corrosive Mindsets and the Undying Will of the Survivors — *Swati Sehgal*.....20

**REFEREES CONSULTED IN 2019**.....23

**BOOK REVIEWS**

*Critique of the New Consensus Macroeconomics and Implications for India (India Studies in Business and Economics)* — *Synthesising Macroeconomic Ideas for Policy* — *R B Barman*.....24

*A Debate to Remember: The US-India Nuclear Deal* — *The Indo-US Nuclear Deal: A Closer Look* — *Sukumar Muralidharan*.....26

**PERSPECTIVES**

Envisioning the India of 2047 — *Shyam Menon*.....29

**NATIONAL FAMILY HEALTH SURVEY-4**

Twenty-five Years of the NFHS: Lessons for the Future — *S Irudaya Rajan*.....36

Quality of Data in NFHS-4 Compared to Earlier Rounds: An Assessment — *K Srinivasan, Rakesh Mishra*.....40

Demographic and Health Diversity in the Era of SDGs — *K S James, S Irudaya Rajan, Srinivas Goli*.....46

Trends, Differentials and Determinants of Child Marriage in India: Evidences from Large-scale Surveys — *Sanjay Kumar*.....53

Frequently Asked Questions on Child Anthropometric Failures in India — *Sunil Rajpal, Rockli Kim, Rajan Sankar, Alok Kumar, William Joe, S V Subramanian*.....59

Stagnancy in the Unmet Need for Family Planning in India — *Purushottam M Kulkarni*.....65

Intimate Partner Violence: Effects on Maternity Care and Pregnancy Outcomes in India — *Srinivas Goli, Md Juel Rana, Jitendra Gouda*.....71

Household Assets and Wealth Quintiles, India 2006-16: Insights on Economic Inequalities — *Udaya Shankar Mishra, William Joe*.....77

**CURRENT STATISTICS**.....83

**POSTSCRIPT**

*Delhi Safari* and the Animals of Aarey — *Rajlakshmi Kanjilal, P P Vijayalakshmi* (85), Rowdy without a Cause? — *Isha Bhallamudi* (86), Heterogeneous Hyderabad: From Irani Chai to Habshi Halwa — *Yunus Yacoob Lasania* (87), Last Lines (88)

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS**.....89

**LETTERS**.....94

**Supreme Court Judgment on Reservations**

7 The implementation of reservations is constitutionally mandated and cannot be left to the state's discretion.

**LIC's Stake Sale**

8 Is the proposed public offering of LIC's stake anything more than a political stance?

**Climate Change Is Uninsurable, So, What Should We Do?**

10 With climate change disasters being uninsurable, the Warsaw International Mechanism on Loss and Damage can be a possible solution.  
— *Avinash D Persaud*

**Curbing Stubble Burning: Examining Possible Policy Interventions**

11 The root cause of stubble burning and the lapses on the part of the central and state governments in controlling it are examined. — *Devinder Sharma*

**Rainwater Harvesting Benchmarks**

14 Carefully designed rainwater harvesting systems can reduce water stress and help in the management of water crises in major South Asian cities, home to about a quarter of a billion people. — *Achintya Ray*

**Between Adhyatmik and Political Hindutva**

17 Notwithstanding the inclusive character of the Telangana Rashtra Samithi's articulation of "Adhyatmik Hindutva," its electoral feasibility and social desirability remain questionable. — *P Manikanta*

**CAA-NRC-NPR and Its Discontents**

25 The combination of CAA with NPR-NRC would produce consequences that are detrimental to the stable and harmonious functioning of our society and policy.  
— *Mihir Desai*

**Pradhan Mantri MUDRA Yojana: A Critical Analysis**

31 Analysing the available data, the performance of the PMMY against its objectives is assessed, and it is observed that the PMMY has not altered secular trends in lending to the target segments. — *Deepti George*

**Undertrial Prisoners in Bihar: A Study of Liquor Ban Arrests**

38 Following the liquor ban in Bihar in 2016, many people from Dalit and Adivasi backgrounds who were arrested have been behind bars under exaggerated charges or because of procedural lapses by visiting legal aid lawyers.  
— *Praveen Kumar, Vijay Raghavan*

**FDI Spillovers on Technical Efficiency of Manufacturing Firms**

42 Using stochastic frontier analysis, the impact of foreign direct investment on technical efficiency of Indian manufacturing firms during two sub-periods, 1994-2001 and 2002-10, is investigated. — *Manoj Pant, Sanghita Mondal*

**Muslim League in Kerala: Exploring the Question of 'Being Secular'**

50 The political trajectory of the Indian Union Muslim League in Kerala displays a unique engagement of religion-based political mobilisation of Muslims with secular-democratic politics in India. — *R Santhosh, M S Visakh*

**Ranbaxy Was Never the Exception**

58 A response to some of the criticisms in Anant Phadke's review of Katherine Eban's *Bottle of Lies: Ranbaxy and the Dark Side of Indian Pharma*, "Indian Pharma Fraud and Beyond" (EPW, 18 January 2020). — *Dinesh Thakur*

**EDITORIALS**

Supreme Court Judgment on Reservations.....7  
LIC's Stake Sale..... 8

**FROM THE EDITOR'S DESK**

Electoral Democracy and the Ennobling Social ... 9

**FROM 50 YEARS AGO**

..... 9

**HT PAREKH FINANCE COLUMN**

Climate Change Is Uninsurable, So, What Should We Do?  
— *Avinash D Persaud* .....10

**COMMENTARY**

Curbing Stubble Burning: Examining Possible Policy Interventions  
— *Devinder Sharma* ..... 11

Rainwater Harvesting Benchmarks to Address South Asia's Urban Water Crisis  
— *Achintya Ray* ..... 14

Between Adhyatmik and Political Hindutva: Lok Sabha Elections in Telangana  
— *P Manikanta* ..... 17

**BOOK REVIEWS**

*Power and Diplomacy: India's Foreign Policies during the Cold War—A Defiant Challenge to Mainstream Historiography of India's Foreign Policy*—*Vaibhav Abnave*.....20

*The Cousins Thackeray: Uddhav, Raj and the Shadow of Their Senas—The Hare and the Tortoise of Shiv Sena Politics*  
— *Vidyadhar Date* .....23

**PERSPECTIVES**

CAA-NRC-NPR and Its Discontents  
— *Mihir Desai* .....25

Pradhan Mantri MUDRA Yojana: A Critical Analysis and a Call for Change  
— *Deepti George* ..... 31

**INSIGHT**

Undertrial Prisoners in Bihar: A Study of Liquor Ban Arrests  
— *Praveen Kumar, Vijay Raghavan* .....38

**SPECIAL ARTICLES**

FDI Spillovers on Technical Efficiency of Indian Manufacturing Firms: A Stochastic Frontier Approach  
— *Manoj Pant, Sanghita Mondal*.....42

Muslim League in Kerala: Exploring the Question of 'Being Secular'  
— *R Santhosh, M S Visakh* .....50

**DISCUSSION**

Ranbaxy Was Never the Exception  
— *Dinesh Thakur* .....58

**CURRENT STATISTICS**

.....61

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS** ..... 64

**LETTERS** ..... 4

**Questioning Citizenship-based Taxation in Budget 2020**

10 The proposal in the Finance Bill, 2020 to introduce taxation on the basis of citizenship for those non-resident Indians who do not pay tax in their countries of residence has proven to be controversial.

— *Alok Prasanna Kumar*

**Human Sacrifice, Sentencing and the Death Penalty**

12 The Supreme Court's judgment in *Ishwari Lal Yadav v State of Chhattisgarh* deviates from the principle of individualised sentencing and ignores evidence on the complex anthropological and psychological dimensions of human sacrifice.

— *Anup Surendranath, Neetika Vishwanath & Preeti Pratishruti Dash*

**Sabka Vishwas Scheme: Settlement at the Cost of Equity**

15 Sabka Vishwas Scheme is a dispute resolution-cum-amnesty scheme, with an objective of generating revenue in the short term, that will reduce the taxable capacity of the state and motivation towards compliance in the long run.

— *Errol D'Souza, Astha Agarwalla*

**India's 'Three Pest Campaign'**

18 Over the last few years, the central government has declared certain species of wild animals as "vermin" in some states in an arbitrary manner without any scientific assessments, thus allowing uncontrolled hunting of these animals.

— *Ritwick Dutta*

**Intuitive Economics and the Outcome of an Operation**

28 The contrasting history of hybrid versus "desi" breeds in agriculture as opposed to animal husbandry illustrates how common people intuitively know when to use difference and when to use division in cost-benefit analysis.

— *Milind Watve, Ojas S V*

**Persistent Fiscal Deficits and Political Economy Transitions**

34 The impact of macroeconomic and political economy factors on India's fiscal deficit between 1978-79 and 2016-17—a period when the country witnessed simultaneous economic and political structural transformations—has been investigated in this study.

— *Amarendu Nandy, Abhisek Sur & Santanu Kundu*

**Investments for Social Sustainability in India**

42 The current status of social development perspective and the role of government, corporate and social enterprises in delivering social sustainability in India are examined.

— *Shubham Kumar, Tapas Kumar Giri*

**Who Is Afraid of Pakistan's Aurat March?**

49 The Aurat March of 2019 in Pakistan faced severe backlash from both conservative as well as like-minded quarters, on account of some hard-hitting slogans and jabs raised against prevalent masculinist social norms.

— *Afiya Shehrbano Zia*

**Postscript**

60 *Abhisek Kumar* on the relationships between things and ourselves that we see in photographs; *Kavya Srinivasan* on the many different forms that dissent can take; *Harini Rajagopalan* on how feminist art rejects the male gaze; and Last Lines by *Ponnappa*.

**EDITORIALS**

The Local and the Universal in the Delhi Elections.....7  
Politics of Detentions in Jammu and Kashmir .... 8

**FROM THE EDITOR'S DESK**

Instrumental Use of Liberal Ideals..... 9

**FROM 50 YEARS AGO** ..... 9

05 MAR 2020

**LAW & SOCIETY**

Questioning Citizenship-based Taxation in Budget 2020  
—*Alok Prasanna Kumar*.....10

**COMMENTARY**

Human Sacrifice, Sentencing and the Death Penalty: Failings of the Supreme Court  
—*Anup Surendranath, Neetika Vishwanath, Preeti Pratishruti Dash*.....12  
Sabka Vishwas Scheme: Settlement at the Cost of Equity  
—*Errol D'Souza, Astha Agarwalla*.....15  
India's 'Three Pest Campaign'  
—*Ritwick Dutta* .....18

**BOOK REVIEWS**

*Ideology and Identity: The Changing Party Systems of India*—Giving Agency to Political Parties  
—*K K Kailash* .....23  
*Refashioning India: Gender, Media, and a Transformed Public Discourse*—Media, Gender and the Neo-liberal Indian State  
—*Mochish K S, Kunal Ray* .....26

**PERSPECTIVES**

Difference, Division, Desi Breeds: Intuitive Economics and the Outcome of an Operation  
—*Milind Watve, Ojas S V*.....28

**SPECIAL ARTICLES**

Persistent Fiscal Deficits and Political Economy Transitions in India: An Empirical Investigation  
—*Amarendu Nandy, Abhisek Sur, Santanu Kundu* .....34  
Investments for Social Sustainability in India: An Assessment  
—*Shubham Kumar, Tapas Kumar Giri* .....42  
Who Is Afraid of Pakistan's Aurat March?  
—*Afiya Shehrbano Zia* .....49

**POSTSCRIPT**

The Profound Madness of a Photograph  
—*Abhisek Kumar* (60),  
Smashing the Patriarchy with Art  
—*Harini Rajagopalan* (p 61),  
The Many Faces of Dissent—*Kavya Srinivasan* (62),  
Last Lines (p 63)

**CURRENT STATISTICS** .....57

**APPOINTMENTS/PROGRAMMES ANNOUNCEMENTS** ..... 64

**LETTERS** ..... 4

**The Portentous India–Pakistan Escalation Dynamic**

10 The escalation dynamic between India and Pakistan and mutual miscalculation by the two countries could lead to a dangerous flare-up. — *Ali Ahmed*

**Fighting Polio, Courting Death**

12 The vulnerabilities and risks faced by women health workers in polio eradication programmes are scarcely acknowledged. — *Namrata R Ganneri*

**National Medical Commission Act: A Cure Worse than the Malady**

16 Billed by the government as the “biggest reform” in the medical profession, the NMC Act ran into severe resistance from the very profession whose lot it was supposed to improve. — *Vikas Bajpai*

**Unequal Access to Political Parties in India**

50 Open access to political parties has declined in India during the last few decades, preventing average citizens from taking the plunge into party politics. — *Prakash Sarangi*

**The Complexities of Liberation from Caste**

55 The multidimensional nature and extent of manual scavenging in Maharashtra is analysed, with specific insights and practice propositions drawn from the study. — *Shaileshkumar Darokar*

**Budget 2020–21**

A set of seven articles provides a critical evaluation of the allocations made in the Union Budget 2020–21, in the context of the economic slowdown.

**Fiscal Restraint Trumps Fiscal Stimulus**

19 The 2020 Union Budget has failed to provide any fiscal stimulus, based upon the assumption that there is no fiscal space for providing growth stimulus. — *Sudipto Mundle, Ajaya Sahu*

**Tax System Changes in the Budget: Confusing Signals**

23 Unduly optimistic estimates result in “tax terrorism,” lead to inefficient budget management, and have adverse impacts on state finances. — *M Govinda Rao*

**A Low Growth Budget for ‘Aspirational India’**

27 The government has exhibited a track record of aiding the process of wealth creation for corporate capital and throwing a few crumbs to the middle class in the Union Budget 2020. — *K P Kannan*

**Fiscal Consolidation Ex Post the ‘Escape Clause’**

31 Launching an “excessive deficit procedure” in India is inevitable for growth revival, which is crucial, especially when there is considerable ambiguity about why the “escape clause” was invoked in the Union Budget 2020. — *Lekha Chakraborty*

**Goal Setting for Indian Agriculture**

34 The 16-point action plan for agriculture laid down in the 2020 Union Budget does not make any fundamental improvements in the allocations towards subsidies and safety nets over agricultural investments. — *Ashok Gulati, Pritha Banerjee*

**Financial Sector in the Budget: Skating on Thin Ice?**

38 The lack of a long-term vision in the 2020 Union Budget for reviving an economy in downswing remains most conspicuous. — *Partha Ray, Parthapratim Pal*

**Union Budget and the Trade Sector**

41 The Union Budget for 2020–21 emphasised the need to restrict imports, and a number of measures were proposed to realise this objective. — *Biswajit Dhar, Ramaa Arun Kumar*

**EDITORIALS**

Politics of Communal Violence in Delhi ..... 7  
Strategic Embrace and Global Right-wing Embers ..... 8

**FROM THE EDITOR’S DESK**

Caste Atrocities and Social Media ..... 9

**FROM 50 YEARS AGO** ..... 9

**STRATEGIC AFFAIRS**

14 AUG 2020

The Portentous India–Pakistan Escalation Dynamic  
— *Ali Ahmed* ..... 10

**COMMENTARY**

Fighting Polio, Courting Death: Attacks on Female Frontline Health Workers in Pakistan  
— *Namrata R Ganneri* ..... 12  
National Medical Commission Act: A Cure Worse than the Malady  
— *Vikas Bajpai* ..... 16

**BUDGET 2020–21**

Fiscal Restraint Trumps Fiscal Stimulus  
— *Sudipto Mundle, Ajaya Sahu* ..... 19  
Tax System Changes in the Budget: Confusing Signals  
— *M Govinda Rao* ..... 23  
A Low Growth, No Employment and No Hope Budget for ‘Aspirational India’  
— *K P Kannan* ..... 27  
Fiscal Consolidation Ex Post the ‘Escape Clause’  
— *Lekha Chakraborty* ..... 31  
Goal Setting for Indian Agriculture  
— *Ashok Gulati, Pritha Banerjee* ..... 34  
Financial Sector in the Budget: Skating on Thin Ice?  
— *Partha Ray, Parthapratim Pal* ..... 38  
Union Budget and the Trade Sector  
— *Biswajit Dhar, Ramaa Arun Kumar* ..... 41

**BOOK REVIEWS**

*The Algebra of Warfare-Welfare: A Long View of India’s 2014 Election—Democracy and the Act of Voting*  
— *Anusha, Shefali Manhas* ..... 45  
*Reclaiming Africa: Scramble and Resistance in the 21st Century—African Engagement with the Global Economy—Jayati Ghosh* ..... 48

**PERSPECTIVES**

Unequal Access to Political Parties in India  
— *Prakash Sarangi* ..... 50

**SPECIAL ARTICLE**

The Complexities of Liberation from Caste: Manual Scavenging in Maharashtra  
— *Shaileshkumar Darokar* ..... 55

**CURRENT STATISTICS** ..... 63

**APPOINTMENTS/PROGRAMMES ANNOUNCEMENTS** ..... 65

**LETTERS** ..... 4

**Abolition of the Death Penalty: A Tough Road ahead for India**

- 10 The retributive nature of our criminal justice system that attaches a lot of importance to punishment is looked at through a critical lens.  
— *Anup Surendranath*

**Sounding the Battle Cry: Supreme Court on Women in the Army**

- 12 The Supreme Court's judgment of 17 February 2020, granting women permanent commission in the army, has opened the doors for women to seek benefits and status associated with seniority of rank. However, the idea of women in the armed forces requires deeper engagement. — *Smriti Singh*

**Davinder Singh's Arrest: A Tale of Opacity and Impunity**

- 14 Considering the Jammu and Kashmir police officer Davinder Singh's alleged links to the Parliament attack and Pulwama case, transparency in this regard is necessary to ensure that questions of national security do not escape democratic accountability. — *Vappala Balachandran*

**Power Looms in Maharashtra: Old and New Crises**

- 17 The current crisis of the power loom sector in Maharashtra, the state which has the largest number of power looms in the country, is examined.  
— *Supriya RoyChowdhury*

**Digital Divide and the Aakash Tablet**

- 27 The effectiveness of the Aakash tablet project, positioned by the Indian government as a device to "bridge the digital divide," is examined by surveying different categories of users. — *Ashu Bapna, Kunal Garg & Anurag Mehra*

**Long-run Performance of the Organised Manufacturing Sector**

- 35 The Indian manufacturing sector has not increased its share in output or employment along expected lines. The aggregate trends in this sector at the 3-digit level of the National Industrial Classification from 1983 to 2017 are investigated here. — *Amit Basole, Amay Narayan*

**Changing Wealth Inequalities in Child Nutrition in Indian States**

- 45 How have wealth inequalities in child nutrition changed in the major states of India between the last two rounds of the National Family Health Survey? The temporal change in the likelihood of child stunting in the poorest quintile of households vis-à-vis the richer quintiles is examined.  
— *Simantini Mukhopadhyay, Achin Chakraborty*

**Industrial Disputes in the Indian Textile Industry**

- 53 An econometric analysis has been done to identify the causes of occurrences of disputes, strikes, and lockouts in the Indian textile industry. — *Meenu Saihjal*

**Corporate Tax Reductions: Weak Analytical Foundation**

- 62 The claim of sharp reduction in effective corporate tax rate does not, in fact, represent any significant reduction in the tax burden that the companies bear at present. — *J Dennis Rajakumar, S L Shetty*

**Postscript**

- 69 *Sujit Kumar Mishra* on the competitive market of beach towns like Puri that force low-skilled vendors to continue in low-gain occupations; *Kaveri Mayra* on how patriarchal and societal conditioning has prioritised medicine over nursing and midwifery; *Swati Daftuar* on the privilege that allows some lives to go on unaffected, while some others, elsewhere in the same city, are in peril; and Last Lines by *Ponnappa*.

**EDITORIALS**

- On the Brink of a Pandemic .....7  
Declining Consumption, Superfluous Incentives...8

**FROM THE EDITOR'S DESK**

- Responsibility Principle and the Climate Crisis .... 9

**FROM 50 YEARS AGO** ..... 9**ALTERNATIVE STANDPOINT**

- Abolition of the Death Penalty:  
A Tough Road ahead for India  
— *Anup Surendranath* ..... 10

14 AUG 2020

**COMMENTARY**

- Sounding the Battle Cry:  
Supreme Court on Women in the Army  
— *Smriti Singh* ..... 12  
Davinder Singh's Arrest:  
A Tale of Opacity and Impunity  
— *Vappala Balachandran* ..... 14  
Power Looms in Maharashtra:  
Old and New Crises  
— *Supriya RoyChowdhury* ..... 17

**BOOK REVIEWS**

- Questioning Paradigms, Constructing Histories:  
A Festschrift for Romila Thapar*—Towards a  
Future of the Past—*Mekhola Gomes* ..... 22  
*The Right to Sanitation in India:  
Critical Perspectives—Access to Latrines:  
A Public or Private Good?*  
— *Nikhil Srivastav* ..... 24

**PERSPECTIVES**

- Digital Divide and the Aakash Tablet:  
Technology Intervention in Education  
— *Ashu Bapna, Kunal Garg, Anurag Mehra* ..... 27

**SPECIAL ARTICLES**

- Long-run Performance of the Organised  
Manufacturing Sector in India: An Analysis of  
Sub-periods and Industry-level Trends  
— *Amit Basole, Amay Narayan* ..... 35  
Changing Wealth Inequalities in Child Nutrition  
in Indian States — *Simantini Mukhopadhyay,  
Achin Chakraborty* ..... 45  
Industrial Disputes in the Indian Textile Industry  
— *Meenu Saihjal* ..... 53

**ECONOMIC NOTES**

- Corporate Tax Reductions:  
Weak Analytical Foundation  
— *J Dennis Rajakumar, S L Shetty* ..... 62

**CURRENT STATISTICS** ..... 67**POSTSCRIPT**

- Beach Livelihoods of Odisha  
— *Sujit Kumar Mishra* (69),  
Docsplanation—*Kaveri Mayra* (70),  
The Fire that Burns My City—*Swati Daftuar* (71),  
Last Lines (72)

**APPOINTMENTS/PROGRAMMES****ANNOUNCEMENTS** ..... 73**LETTERS** ..... 4

**Yes Bank Bought by Yes Men**

7 Yes Bank fell prey to faulty and dubious lending strategies.

**A New Normal with No Room for Dissent**

8 The ruling government has failed all tests of reason and reasonability in its treatment of anti-CAA protests.

**Triggering a Global Financial Crisis**

10 Whether a black swan or a scapegoat, COVID-19 is an extraordinary event that has given birth to the concept of the economic "sudden stop."  
— *T Sabri Öncü*

**How Prepared Is India to Control the COVID-19 Pandemic?**

13 A nationwide COVID-19 epidemic of unprecedented seriousness is imminent and a full-time war-room, run by a task force with the best national experts, must be set up. — *T Jacob John*

**Engaging Rural Youth Gainfully**

16 Harnessing rural youth's potential to contribute to the country's growth would require rural-centric policies and the creation of an ecosystem for the establishment of own enterprises. — *Harsh Kumar Bhanwala, Gyanendra Mani*

**Assessing the US–China Economic and Trade Agreement**

19 The United States and China had signed Phase One of the Economic and Trade Agreement, which reads like a charter of demands that the us has made on China in several key areas. — *Biswajit Dhar*

**How Far Is India's Nominal Exchange Rate from Equilibrium?**

29 The swings in the Indian nominal exchange rates, associated with global events, are driven more by surges in global capital, and no evidences of systemic overvaluation are revealed. — *Ashima Goyal, Kritika Banerjee*

**Reforming Indian Agriculture**

35 Reforms in four areas—focus of agricultural policies, allocation and efficiency of land and water, weather and price volatility, and agricultural markets—should be the priority for the current government's agenda of doubling farmer incomes. — *Ashok Gulati, Devesh Kapoor & Marshall M Bouton*

**Weak Governance, Good Deals, and Their Economic Impact**

43 The National Democratic Alliance government has tried to tackle India's low rankings in the World Bank's Doing Business Indicators by improving the *de jure* rules related to the business climate. — *Rajesh Raj S N, Kunal Sen & Sabyasachi Kar*

**Relocating Women Insurgents in Assam**

54 Through in-depth interviews across five districts of Assam, the work of former women combatants of the United Liberation Front of Asom within the organisation is highlighted. — *Dixita Deka*

**EDITORIALS**

Yes Bank Bought by Yes Men.....7

A New Normal with No Room for Dissent .....8

**FROM THE EDITOR'S DESK**

The Future of Public Institutions in India ..... 9

**FROM 50 YEARS AGO** ..... 9**HT PAREKH FINANCE COLUMN**

Triggering a Global Financial Crisis:  
Covid-19 as the Last Straw  
— *T Sabri Öncü*.....10

**COMMENTARY**

How Prepared Is India to Control  
the COVID-19 Pandemic?  
— *T Jacob John* .....13

Engaging Rural Youth Gainfully  
— *Harsh Kumar Bhanwala,  
Gyanendra Mani* .....16

Assessing the US–China Economic and  
Trade Agreement  
— *Biswajit Dhar*.....19

**BOOK REVIEWS**

*We Make Our Own History: Marxism and Social  
Movements in the Twilight of Neoliberalism—  
Analysing the Progressive Activism against  
Neo-liberalism*  
— *Urs Geiser* .....23

*The Cambridge Companion to Sayyid Ahmad  
Khan—Characterising Sayyid Ahmad Khan*  
— *Soheb Niazi*.....26

**INSIGHT**

How Far Is India's Nominal Exchange Rate  
from Equilibrium?  
— *Ashima Goyal, Kritika Banerjee*.....29

**SPECIAL ARTICLES**

Reforming Indian Agriculture  
— *Ashok Gulati, Devesh Kapoor,  
Marshall M Bouton* .....35

Unmaking 'Make in India': Weak Governance,  
Good Deals, and Their Economic Impact  
— *Rajesh Raj S N, Kunal Sen,  
Sabyasachi Kar* .....43

Relocating Women Insurgents in Assam:  
Oral Histories beyond a Footnote  
— *Dixita Deka* .....54

**CURRENT STATISTICS** ..... 62**APPOINTMENTS/PROGRAMMES****ANNOUNCEMENTS** ..... 65**LETTERS** ..... 4

**Economics, Prudence, and a Pandemic**

7 Clinging on to orthodox fiscal prudence is not the best practice in the time of a pandemic.

**Impacts of the Oil Price War**

8 A "pass-through effect" of low crude prices is improbable given the constrained fiscal space.

**Humpty Dumpty Jurisprudence**

10 In interpreting the scope of Section 24(2) of the 2013 land acquisition law, the tools of statutory interpretation have been twisted by the Supreme Court's constitution bench in a manner little known to law. — *Alok Prasanna Kumar*

**Finance Commission Report for 2020–21**

12 The action taken by the union on some of the recommendations of the Fifteenth Finance Commission for 2020–21 is indicative of a major departure from the established practices followed so far. — *G R Reddy*

**Citizenship (Amendment) Act: How Do We Move Forward?**

15 Tagging the updating of the National Population Register, a base document to identify "citizens," to the forthcoming 2021 population and housing census has raised strong objections from several corners. — *Amitabh Kundu, P C Mohanan*

**National Medical Commission Act, 2019**

19 The relevance, provisions, and the implications of the National Medical Commission Act, 2019 for the future of medical education and health practice in the country are examined. — *Rajagopal Devara*

**The Mandal System in Telangana and Andhra Pradesh**

26 The decentralisation of taluks into *mandals* was done with a two-pronged strategy of modernising the revenue administration, record-keeping as well as further decentralising the panchayati raj system. — *Anil Kumar Vaddiraju*

**Dalit Women, Vulnerabilities, and Feminist Consciousness**

31 It is important to address the lacuna in conventional feminist movements which do not account for caste-based gender violence, as also to assert Dalit women's quest for and claim to universal transformative emancipatory practices. — *Abhinaya Ramesh*

**Intellectual Legacies of Birth**

39 An intellectual history of the language that surrounded birth control focuses on notable thinkers of the early 20th century: B R Ambedkar, M K Gandhi, and Margaret Sanger. — *Urvi Desai*

**Water Resource Management of the Damodar Valley Corporation**

46 The water resource management of the Damodar Valley Corporation project for irrigation purposes has been examined to reveal that illegal canal water utilisation has been increasing over the years. — *Raj Kumar Kundu, Apurba Kumar Chattopadhyay*

**Women's Education and Fertility in the Hindi Heartland**

54 Evidences from the Sample Registration System and the National Family Health Survey show that the fertility rate continues to be high in the Hindi heartland of the country, and that too among educated women. — *Saswata Ghosh, Vikash R Keshri*

**Postscript**

61 *Jo Chopra McGowan* on the economics of disability; *Sunaina Bose* on the figure of the *Hindustani Ladki* in Hindi cinema; *Mallika Nawal* on India's obsession with the male child; and Last Lines by *Ponnappa*.

**EDITORIAL**

Economics, Prudence, and a Pandemic .....7

**COMMENT**

Impacts of the Oil Price War .....8

**FROM THE EDITOR'S DESK**

The Emergence of 'New' Politics ..... 9

**FROM 50 YEARS AGO** .....9

**LAW & SOCIETY**

Humpty Dumpty Jurisprudence .....10  
—*Alok Prasanna Kumar*

**COMMENTARY**

Finance Commission Report for 2020–21: Has the Union Been Fair to States? .....12  
—*G R Reddy*

Citizenship (Amendment) Act: How Do We Move Forward? .....15  
—*Amitabh Kundu, P C Mohanan*

National Medical Commission Act, 2019 .....19  
—*Rajagopal Devara*

**REVIEW ARTICLE**

*Secular States, Religious Politics: India, Turkey, and the Future of Secularism—* Religion, Secularism and State Power .....22  
—*Rinku Lamba*

**PERSPECTIVES**

The Mandal System in Telangana and Andhra Pradesh .....26  
—*Anil Kumar Vaddiraju*

**SPECIAL ARTICLES**

Dalit Women, Vulnerabilities, and Feminist Consciousness .....31  
—*Abhinaya Ramesh*

Complicating the Feminist: Intellectual Legacies of Birth Control in India .....39  
—*Urvi Desai*

Water Resource Management of the Damodar Valley Corporation: Tail-end Deprivation of the Canal Network—*Raj Kumar Kundu, Apurba Kumar Chattopadhyay* ..... 46

**NOTES**

Women's Education and Fertility in the Hindi Heartland .....54  
—*Saswata Ghosh, Vikash R Keshri*

**CURRENT STATISTICS** .....58

**POSTSCRIPT**

Why India Can't Afford to Ignore the Economics of Disability — *Jo Chopra McGowan* (61),  
*The Hindustani Ladki: Then and Now* —*Sunaina Bose* (62),  
*Putra Pursuit: When Matters of Sex Matter* —*Mallika Nawal* (63), Last Lines (64)

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS** .....65

**LETTERS** .....4

**COVID-19 Should Make Us Re-imagine the World Order**

10 As a biosecurity crisis brings the world to a brink, a humane globalism and institutions that actually supply public goods are in need,  
— *Zorawar Daulet Singh*

**Excluded in Rehabilitation: Disability in the Neo-liberal Era**

12 The experience of disability is explored within the growing impact of neo-liberal globalisation utilising an ethnographic approach.  
— *Deepika Sharma, Kumar Ravi Priya*

**Majoritarian Politics and the Ayodhya Verdict**

16 The Ayodhya verdict favours politics over history and the religion of the majority over principles of equality and justice. — *Nayakara Veerasha*

**Waiting for Citizenship**

18 Social groups that are forced to live in precarious and vulnerable conditions are effectively reduced to being non-citizens, despite being recognised as formal citizens. — *Harish Wankhede*

**What Drives Transitions in Milk Productivity?**

72 The trend in milk productivity and its association with breed improvement, feeding and animal husbandry practices, and efficiency in dairy farming at the household level are examined in Punjab. — *S K Srivastava, Ramesh Chand, Anjani Kumar & N P Singh*

**Money, Banking and Finance**

In the context of the global recession and deepening economic slowdown in India, a set of five articles discusses topical issues pertaining to the global financial markets in general and Indian financial markets per se.

**Finance and Monetary Policy beyond Neo-liberalism**

28 The emerging economies need to practise enhanced and active surveillance of their financial sector in their quest for maintaining high growth along with financial stability. — *Rakesh Mohan*

**Indian Monetary Policy and Tenures of RBI Governors**

37 The regime shifts in Indian monetary policy during the period 1998–2017 are examined using a multivariate Markov-switching Vector Autoregression (MS-VAR) model. — *Utso Pal Mustafi, Rajeswari Sengupta*

**Economic Slowdown and Financial Fragility**

46 The dual phenomenon of an unprecedented slowdown as well as financial fragility in the Indian economy is addressed in the context of India's overall growth trajectory and policy regime in the last two decades.  
— *Zico Dasgupta*

**Financial Misconduct, Fear of Prosecution and Bank Lending**

54 In the presence of financial misconduct, state-owned banks typically cut back on credit creation and instead increase their quantum of risk-free investment.  
— *Abhiman Das, Avijit Bansal & Saibal Ghosh*

**Time-varying Nature of Stock Market Interdependence**

62 Employing novel time-frequency based wavelet techniques, the interdependence of global equity markets is analysed from a heterogeneous investor perspective, with a special focus on the Indian stock market.  
— *Avishek Bhandari, Kamaiah Bandi*

**EDITORIALS**

Regulating the Private Health Sector to Eliminate COVID-19.....7  
Challenges before Independent Judiciary.....8

**FROM THE EDITOR'S DESK**

Reason of the State and COVID-19..... 9

**FROM 50 YEARS AGO**.....9

**STRATEGIC AFFAIRS**

COVID-19 Should Make Us Re-imagine the World Order  
— *Zorawar Daulet Singh*.....10

**COMMENTARY**

Excluded in Rehabilitation: Disability in the Neo-liberal Era  
— *Deepika Sharma, Kumar Ravi Priya*.....12  
Majoritarian Politics and the Ayodhya Verdict  
— *Nayakara Veerasha*..... 16  
Waiting for Citizenship  
— *Harish Wankhede*..... 18

**BOOK REVIEW**

*Talking Sociology: Dipankar Gupta in Conversation with Ramin Jahanbegloo—*  
Outline of a Prolific Academic Endeavour  
— *Sreedeeep Bhattacharya*.....23

**MONEY, BANKING AND FINANCE**

Questioning the Orthodoxies  
— *Partha Ray*.....26  
Finance and Monetary Policy beyond Neo-liberalism: The Way Ahead for Emerging Markets  
— *Rakesh Mohan*.....28  
Regime shifts in Indian Monetary Policy and Tenures of RBI Governors  
— *Utso Pal Mustafi, Rajeswari Sengupta*..... 37  
Economic Slowdown and Financial Fragility: The Structural Malaise of India's Growth Process  
— *Zico Dasgupta*..... 46  
Financial Misconduct, Fear of Prosecution and Bank Lending  
— *Abhiman Das, Avijit Bansal, Saibal Ghosh*.....54  
Time-varying Nature of Stock Market Interdependence: A Global Perspective  
— *Avishek Bhandari, Kamaiah Bandi*.....62

**NOTES**

What Drives Transitions in Milk Productivity? Household-level Evidence from Punjab  
— *S K Srivastava, Ramesh Chand, Anjani Kumar, N P Singh*.....72

**CURRENT STATISTICS**..... 79

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS**.....81

**LETTERS**..... 4

1 OCT 2020

12 OCT 2020



**India's Public Health System on Trial?**

7 A decentralised public health system that socialises the cost of healthcare is required.

**Survival and Mobility in the Midst of a Pandemic**

8 The working poor disproportionately bear the adverse impacts of the pandemic amidst the economic slowdown.

**Impact of COVID-19 and What Needs to Be Done**

10 Tackling the COVID-19 outbreak will require political will and decisive actions from the government, which should not constrain expenditures in view of maintaining the permissible limit of fiscal deficit. — *Arun Kumar*

**Fighting Fires: Migrant Workers in Mumbai**

13 The causes and aftermaths of fires in Mumbai's most industrially dense areas and how the migrant workers cope with them even as their skills and knowledge prevent bigger accidents are examined. — *Maansi Parpiani*

**Reducing the Spread of COVID-19**

16 Long-term measures are needed to reduce the possibility of the disastrous spread of diseases like COVID-19 and to enhance the ability of communities to deal with such eventualities. — *Vikalp Sangam Core Group*

**Politics of Scheduled Tribe Status in Assam**

18 The trajectory of six communities of Assam in demanding the Scheduled Tribe status and the operations of the various government committees that were formed to look into the matter are traced. — *Jayanta Krishna Sarmah, Joyjit Hazarika*

**The Idea of a University in India**

21 Are universities producing knowledge for knowledge's sake, or training individuals to fall in line with a neo-liberal nationalist agenda of economic development? — *Swatahsiddha Sarkar*

**Interrogating the Politics of Folk**

30 The analysis of *Goalpariya* folk music of Assam and its various facets helps deconstruct the conventional notion of "folk" as a neutral, static, historically continuous, and an unproblematic concept. — *Simona Sarma*

**The Troubled Ascent of a Marine Ring Seine Fishery**

36 Fieldwork in Cuddalore, Tamil Nadu suggests that regimes function as arenas for deliberating and battling alternative futures in fishing and mask deep sociolegal divides. — *Maarten Bavinck*

**Have Economic Reforms Trumped Democratic Decentralisation?**

44 Based on a critical analysis of the interrelationship between the nature of devolution and economic reforms, it is argued that the latter seems to have triumphed over democratic decentralisation in Gujarat. — *H S Shylendra*

**The Lost Ground: The Fate of the Adivasi Collective Rights**

53 We need to think about Adivasi collective rights beyond the state legal framework which can ensure for them the free use of resources in forests and hills. — *Bhangya Bhukya*

**Postscript**

62 *Nandana Bose* on the long-overdue recognition of the South Korean film industry; a poem by *Maaz Bin Bilal*; *Rena S Kulkarni* on effecting political consciousness in the diaspora; and Last Lines by *Ponnappa*.

**EDITORIALS**

India's Public Health System On Trial? .....7  
Survival and Mobility in the Midst of a Pandemic ..... 8

**FROM THE EDITOR'S DESK**

COVID-19 and the Question of Taming Social Anxiety..... 9

**FROM 50 YEARS AGO** .....9

**COMMENTARY**

Impact of COVID-19 and What Needs to Be Done — *Arun Kumar*.....10  
Fighting Fires: Migrant Workers in Mumbai — *Maansi Parpiani* ..... 13  
Reducing the Spread of COVID-19: Need for Creative and Long-term Measures — *Vikalp Sangam Core Group* ..... 16  
Politics of Scheduled Tribe Status in Assam — *Jayanta Krishna Sarmah, Joyjit Hazarika* ..... 18  
The Idea of a University in India — *Swatahsiddha Sarkar* ..... 21

12 OCT 2020

**BOOK REVIEWS**

*A Shot of Justice: Priority-Setting for Addressing Child Mortality*—The Injustice of Child Mortality — *Ankur Verma* ..... 25  
*A Multilingual Nation: Translation and Language Dynamic in India*—Language and Translation in a Multilingual Nation — *Mithilesh Kumar Jha* ..... 27

**PERSPECTIVES**

Interrogating the Politics of Folk: Gender, Space and Identity in Goalpariya Folk Music of Assam — *Simona Sarma* ..... 30

**SPECIAL ARTICLES**

The Troubled Ascent of a Marine Ring Seine Fishery in Tamil Nadu — *Maarten Bavinck* .....36  
Have Economic Reforms Trumped Democratic Decentralisation? The Experience of Gujarat in India — *H S Shylendra* .....44  
The Lost Ground: The Fate of the Adivasi Collective Rights in Telangana under the Regimes of Property Rights — *Bhangya Bhukya*..... 53

**CURRENT STATISTICS**..... 60

**POSTSCRIPT**

Bong Joon-ho and Cinephilia—*Nandana Bose* (62), Who Did It?—*Maaz Bin Bilal* (63), Delayed Recognition: South Korean Cinephilia and the Oscars — *Rena S Kulkarni* (64), Last Lines (65)

**APPOINTMENTS/PROGRAMMES**

**ANNOUNCEMENTS** ..... 66

**LETTERS** ..... 4

**The Yes Bank Rescue and Its Aftermath**

10 Doubts persist about the wisdom of the public-private partnership model for rescue of Yes Bank. — *T T Ram Mohan*

**India's Food System in the Time of COVID-19**

12 India's complete lockdown has caused unnecessary disruptions in the food supply chain, while the consumer sentiment and business outlook on recovery are bleak. — *Abhishek, Vaibhav Bhamoriya, Puneet Gupta, Manu Kaushik, Avinash Kishore, Ritesh Kumar, Abhishek Sharma & Shilp Verma*

**COVID-19 and Macroeconomic Uncertainty**

15 The macroeconomic uncertainty created by COVID-19 demands simultaneous policy intervention in terms of public health infrastructure and livelihood and more fiscal-monetary policy coordination. — *Lekha Chakraborty, Emmanuel Thomas*

**Ideologies and Their Impact on Higher Education**

19 Whether the new inroads made by privatisation in higher education, exacerbating coercive inequality among the youth of the country, are a manifestation of the dominant right-wing ideology needs examination. — *Seerat Kaur Gill, Gurparkash Singh*

**The Caste, Class and Regional Face of Vegetarianism**

21 Changes in the incidence of vegetarianism across time are sought to be analysed by identifying the specific trends at the level of region, caste and class. — *Suraj Jacob, Balmurli Natrajan*

**Revisiting the Death Penalty in India**

30 The consistency with which the doctrine of "collective conscience" has been used by the Indian judiciary while imposing the death sentence, compels us to contemplate how it has been applied. — *Anurag Bhaskar*

**Can Payments Banks Succeed?**

38 The Reserve Bank of India's argument that technological innovation will allow payments banks to achieve a seemingly impossible trilemma of financial inclusion while still being competitive and profitable is examined. — *Indradeep Ghosh, Ajit Ranade*

**Key Drivers of Indian Greenhouse Gas Emissions**

46 The underlying drivers of changes in the greenhouse gas emissions over time in India are investigated using several complementary approaches, and emissions projections are compared with a range of emission scenarios. — *Jonas Karstensen, Joyashree Roy, Barun Deb Pal, Glen Peters & Robbie Andrew*

**Scaling Up Demand-side Management and Solar Pumping Programmes: Use of Multi-stakeholder Cost-Benefit Regulatory**

54 Using a cost-benefit regulatory framework, agricultural programme strategies for energy-efficient pumpsets and grid-connected solar pumpsets are analysed. — *Priya Sreedharan, F Kahl & S Mavanoor*

**Manufacturing Slowdown in India**

60 The real value added in the Indian manufacturing sector for the period 2011-12 to 2016-17 is measured using the double deflation approach and the results corroborated by the movement of high frequency indicators that are correlated with manufacturing activity. — *Sutirtha Bandopadhyay, Rahul Nilakantan*

**EDITORIALS**

Abrupt Planning, Looming Hunger ..... 7  
 Going Beyond Symbolic Gestures ..... 8

**FROM THE EDITOR'S DESK**

Univocal Political Symbolism ..... 9

**FROM 50 YEARS AGO**

..... 9

**HT PAREKH FINANCE COLUMN**

The Yes Bank Rescue and Its Aftermath  
 — *T T Ram Mohan* ..... 10

**COMMENTARY**

12 OCT 2020

India's Food System in the Time of COVID-19  
 — *Abhishek, Vaibhav Bhamoriya, Puneet Gupta, Manu Kaushik, Avinash Kishore, Ritesh Kumar, Abhishek Sharma, Shilp Verma* ..... 12

COVID-19 and Macroeconomic Uncertainty: Fiscal and Monetary Policy Response  
 — *Lekha Chakraborty, Emmanuel Thomas* ..... 15

Ideologies and Their Impact on Higher Education  
 — *Seerat Kaur Gill, Gurparkash Singh* ..... 19

Deepening Divides the Caste, Class and Regional Face of Vegetarianism  
 — *Suraj Jacob, Balmurli Natrajan* ..... 21

**BOOK REVIEWS**

*Caste and Nature: Dalits and Indian Environmental Politics*—Dalits and the Environment—*Raj Kaithwar* ..... 25

*India, China and the World: A Connected History*—The Long Sweep of India—China History  
 — *Nirmola Sharma* ..... 27

**PERSPECTIVES**

The Myth of 'Collective Conscience': Revisiting the Death Penalty in India  
 — *Anurag Bhaskar* ..... 30

**SPECIAL ARTICLES**

Can Payments Banks Succeed? A Trilemma and a Possible Solution  
 — *Indradeep Ghosh, Ajit Ranade* ..... 38

Key Drivers of Indian Greenhouse Gas Emissions  
 — *Jonas Karstensen, Joyashree Roy, Barun Deb Pal, Glen Peters, Robbie Andrew* ..... 46

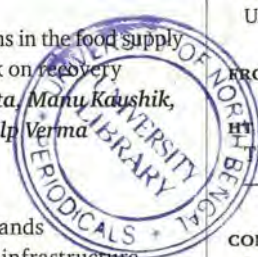
Scaling Up Demand-side Management and Solar Pumping Programmes: Use of Multi-stakeholder Cost-Benefit Regulatory Frameworks—*Priya Sreedharan, F Kahl, S Mavanoor* ..... 54

**NOTES**

Manufacturing Slowdown in India: New Evidence from a Double Deflation Approach  
 — *Sutirtha Bandopadhyay, Rahul Nilakantan* ..... 60

**CURRENT STATISTICS** ..... 64

**LETTERS** ..... 4



**Indian Federalism and COVID-19**

7 Following the principle of fairness to regulate the centre–state relations during a crisis becomes urgent.

**Plight of the Stranded Workers**

8 India's urban economies depend on migrant labour who should not be treated like "problems" during a lockdown.

**Mapping the Appointments and Tenures of Supreme Court Judges**

10 The debate about the tenure of judges of the Supreme Court is fixated somewhat unnecessarily on the retirement age than the actual time spent in the Court. — *Alok Prasanna Kumar*

**Skewed Urbanisation and the Contagion**

13 Alongside the dearth of healthcare infrastructure, unplanned and market-driven urbanisation further challenges the containment of the outbreak of infections like COVID-19, in India. — *Partha Pratim Biswas*

**COVID-19 and the Public Health System in Bihar**

16 Bihar's public healthcare system is not equipped to deal with the challenge of COVID-19, lacking in both infrastructure and human resources. — *Avinash Kumar, Manish Kumar*

**Coordinated Climate Authorities for Financing Green**

20 A globally coordinated orderly debt deleveraging mechanism is proposed to address the global debt overhang problem, and the Climate Authorities are added to the mechanism to discuss how it may help improve the situation. — *Ahmet Öncü, T Sabri Öncü*

**Post-harvest Management and Farm Outcomes**

24 An evaluation study across Bihar, Uttar Pradesh, and Odisha, finds that post-harvest management plays a crucial role in value generation and distribution of crop value chains by mitigating post-harvest losses. — *Ruchira Boss, Mamata Pradhan*

**Reading Ambedkar in the Times of COVID-19**

34 The "social distancing" induced by COVID-19 does not address the deeper levels of distancing caused by "social isolation" and "social nausea," two concepts used by B R Ambedkar. — *Awanish Kumar*

**Caste Prejudice and Infection**

38 Government hospitals continue to be dangerously unhygienic, as casteist notions of cleanliness weaken the rigorous implementation of infection control measures by hospital staff. — *Payal Hathi, Nikhil Srivastav*

**Politics of Social Movements at the Margins**

45 Based on the learnings from activists associated with the National Alliance of People's Movements and participants of a social movement at a slum site in Mumbai, the concepts and processes associated with social movement politics are explored. — *Kishore Bhardikar*

**The 'Missing Middle' Problem in Indian Manufacturing**

51 The Indian manufacturing sector, with few mid-size firms, has the problem of the "missing middle" due to the corruption of "predatory institutions" that mid-size firms face in their day-to-day interactions with the state. — *S N Rajesh Raj, Kunal Sen*

**Postscript**

63 *Aditi Aggarwal* studies the labour-lives of women vendors on Mumbai's local trains; a poem by *K Srilata*; *Suyash Saxena* on imbibing art in the silence of art galleries; and Last Lines by *Ponnappa*



**EDITORIALS**

Indian Federalism and COVID-19 ..... 7  
Plight of the Stranded Workers ..... 8

**FROM THE EDITOR'S DESK**

Coming to Terms with the Ethical ..... 9

**FROM 50 YEARS AGO** ..... 9

**LAW & SOCIETY**

Mapping the Appointments and Tenures of Supreme Court Judges ..... 10  
— *Alok Prasanna Kumar* ..... 10

**COMMENTARY**

Skewed Urbanisation and the Contagion ..... 13  
— *Partha Pratim Biswas* ..... 13  
COVID-19 and the Public Health System in Bihar ..... 16  
— *Avinash Kumar, Manish Kumar* ..... 16  
Debt, Wealth and Climate: Globally Coordinated Climate Authorities for Financing Green ..... 20  
— *Ahmet Öncü, T Sabri Öncü* ..... 20  
Post-harvest Management and Farm Outcomes: Storage Facilities Matter ..... 24  
— *Ruchira Boss, Mamata Pradhan* ..... 24

**BOOK REVIEWS**

*Passage from India to America: Billionaire Engineers, Extremist Politics & Advantage to Canada & China*—Trump's Policies and Billionaire Indian Dreams ..... 29  
— *Romar Correa* ..... 29  
*Gender in Contemporary Education Research—Understanding Gender in Educational Research and Practice* ..... 32  
— *Ananya Pathak* ..... 32

**PERSPECTIVES**

Reading Ambedkar in the Time of COVID-19 ..... 34  
— *Awanish Kumar* ..... 34

**SPECIAL ARTICLES**

Caste Prejudice and Infection: Why a Dangerous Lack of Hygiene Persists in Government Hospitals ..... 38  
— *Payal Hathi, Nikhil Srivastav* ..... 38  
Politics of Social Movements at the Margins: Reflections Based on a Case Study in Mumbai ..... 45  
— *Kishore Bhardikar* ..... 45  
The 'Missing Middle' Problem in Indian Manufacturing: What Role Do Institutions Play? ..... 51  
— *S N Rajesh Raj, Kunal Sen* ..... 51

**CURRENT STATISTICS** ..... 61

**POSTSCRIPT**

What's Urban Transport Planning Got to Do with Train Vendors?—*Aditi Aggarwal* (63), Maybe Modiji Doesn't Know About Us —*K Srilata* (64), A Rendezvous with Art and Silence —*Suyash Saxena* (65), Last Lines (66)

**LETTERS** ..... 4

**Civil Society during Lockdown**

7 Civil society leverage, though transitory, works as a breather for the governments and the businesses.

**A Robust Media**

8 The COVID-19 pandemic poses serious questions about newsroom practices and for media companies.

**COVID-19 and US–China Tussle**

10 The Sino–American relations have hit a new low in the wake of the COVID-19 outbreak, with both engaged in a propaganda war against each other that the United States seems to be winning. — *Atul Bhardwaj*

**Gendering the COVID-19 Pandemic: Women Locked and Down**

13 The COVID-19 crisis has affected Indian women differently due to their perceived dependency and status as secondary citizens; rather it overburdens them, bereaves them of agency, and compromises their safety. — *Madhuri Dixit, Dilip Chavan*

**Public Health during Pandemics and Beyond**

17 The rapid spread of COVID-19 in India brings home the importance of strengthening public health services and investing in the broader determinants of health. — *Daksha Parmar*

**COVID-19 Relief Package: Will Central Largesse Help Construction Workers?**

20 With construction workers being among the worst hit by the COVID-19 crisis, the role of construction welfare boards is assessed, and questions are raised over the proper distribution of direct benefit transfers to them. — *Ajit Jha*

**What Lies beyond Legalism for the LGBT Movement?**

28 The legalist approach taken so far with respect to the lesbian, gay, bisexual and transgender movement has marginalised more radical possibilities of resistance by rendering diverse identities and intersectionality invisible. — *Francis Kuriakose, Deepa Kylasam Iyer*

**Trade War and Global Economic Architecture**

35 Whether the emerging economies have the ability to influence the course and outcomes of the current trade war, and whether this trade war can generate the possibility of reform of the international institutions are explored here. — *Biju Paul Abraham, Partha Ray*

**Present Crises of Capitalism and Its Reforms**

42 The future prospects and long-run viability of capitalism in India are delimited by the accentuating threats of ecological imbalance and growing inequality. — *Pulin B Nayak*

**Health Insurance in Private Hospitals**

49 The availability and spread of private hospitals in the country and their empanelment in government-sponsored health insurance schemes are analysed. — *Mita Choudhury, Pritam Datta*

**Land Acquisition in Punjab**

57 Analysing a case of development-induced displacement through a survey of land dispossession in Punjab reveals how displacement for development projects adversely affects farmers. — *Sandeep Kaur, Gurvinder Singh, Jashanpreet Kaur & Harpreet Singh*

**EDITORIALS**

Civil Society during Lockdown ..... 7  
A Robust Media ..... 8

**FROM THE EDITOR'S DESK**

Antinomies of Medical Ethics ..... 9

**FROM 50 YEARS AGO**

**STRATEGIC AFFAIRS**

COVID-19 and US–China Tussle ..... 10  
— *Atul Bhardwaj*

**COMMENTARY**

Gendering the COVID-19 Pandemic: Women Locked and Down ..... 13  
— *Madhuri Dixit, Dilip Chavan*  
Public Health during Pandemics and Beyond ..... 17  
— *Daksha Parmar*  
COVID-19 Relief Package: Will Central Largesse Help Construction Workers? ..... 20  
— *Ajit Jha*

**BOOK REVIEWS**

*The Republic of Beliefs: A New Approach to Law and Economics*—Reconstructing Law and Economics ..... 23  
— *Sarthak Gaurav*  
*The Republic of Beliefs: A New Approach to Law and Economics*—The Many Interpretations of Law and Economics ..... 26  
— *Ram Singh*

**PERSPECTIVES**

Rights through Resistance: What Lies beyond Legalism for the LGBT Movement? ..... 28  
— *Francis Kuriakose, Deepa Kylasam Iyer*

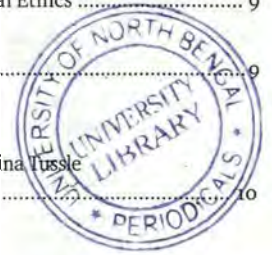
**SPECIAL ARTICLES**

Trade War and Global Economic Architecture: An Emerging Economy Perspective ..... 35  
— *Biju Paul Abraham, Partha Ray*  
Present Crises of Capitalism and Its Reforms ..... 42  
— *Pulin B Nayak*  
Health Insurance in Private Hospitals: Implications for Implementation of Ayushman Bharat ..... 49  
— *Mita Choudhury, Pritam Datta*  
Land Acquisition in Punjab: Jeopardising Livelihoods through Inefficient Implementation ..... 57  
— *Sandeep Kaur, Gurvinder Singh, Jashanpreet Kaur, Harpreet Singh*

**CURRENT STATISTICS** ..... 61

**LETTERS** ..... 4

12 OCT 2020



**Rescuing Micro, Small and Medium Enterprises**

- 7 Monetary and fiscal measures are needed to help MSMEs withstand the exogenous shock caused by the lockdown.

**Undemocratic Evasion of Environmental Responsibility**

- 8 The draft Environment Impact Assessment Notification is an affront to the environment and to democratic processes.

**When People and Governments Come Together**

- 10 Kerala's success in managing the COVID-19 pandemic, as it continues to gain strength from its political culture of participatory governance and emphasis on social welfare, is elaborated on. — *Aruna Roy, Saba Kohli Davé*

**World Economy and Nation States post COVID-19**

- 14 The COVID-19 pandemic has caused major ruptures in the world system, which has serious implications for global accumulation of capital. — *K N Harilal*

**COVID-19's Disruption of India's Transformed Food Supply Chains**

- 18 The government faces a trilemma of challenges—eliminating the virus, supporting the food supply chain's small and medium enterprises, and marshalling resources to face the first two problems fast—in the midst of the COVID-19 crisis. — *Thomas Reardon, Ashok Mishra, Chandra S R Nuthalapati, Marc F Bellemare & David Zilberman*

**Epidemics and Capitalism**

- 28 In the context of the spread of COVID-19, a number of left and progressive thinkers tend to present a one-sided view of this relationship, founded on a deeper confusion regarding the human-nature relationship under contemporary capitalism. — *Sandipan Baksi*

**Small Businesses, Big Reform: A Survey of the MSMEs Facing GST**

- 32 This paper draws evidences from field surveys to bring out the impact of the goods and services tax on the competitiveness and viability of the micro, small and medium enterprises. — *Sangeeta Ghosh*

**'Piloting' Gender in the Indian Railways**

- 40 Women loco-pilots in the Indian Railways, although few in number, face unique challenges as they negotiate with masculine forms of labour and technology in a male-dominated work environment. — *Arundhathi*

**Implementation of Community Forest Rights**

- 46 The study of the Vidarbha region of Maharashtra reveals that there is need to support the upscaling of community forest rights and analyse the broader implications for forest resource governance at a national scale. — *Geetanjoy Sahu*

**Postscript**

- 55 *Akshyah Krishnakumar* on the relationship between food and identity for the Indian Tamils from Ceylon; *P P Vijayalakshmi* and *Rajlakshmi Kanjilal* on the film *Chopsticks* and its exploration of animal rights; *Indu Divya* on storytelling and listening to our inner narratives; and *Last Lines* by *Ponnappa*.

**EDITORIALS**

- Rescuing Micro, Small and Medium Enterprises ..... 7  
Undemocratic Evasion of Environmental Responsibility ..... 8

**FROM THE EDITOR'S DESK**

- COVID-19 and a Just State? ..... 9

**FROM 50 YEARS AGO**

- ..... 9

**COMMENTARY**

- When People and Governments Come Together: Analysing Kerala's Response to the COVID-19 Pandemic  
— *Aruna Roy, Saba Kohli Davé* ..... 10

- World Economy and Nation States post COVID-19  
— *K N Harilal* ..... 14

- COVID-19's Disruption of India's Transformed Food Supply Chains  
— *Thomas Reardon, Ashok Mishra, Chandra S R Nuthalapati, Marc F Bellemare, David Zilberman* ..... 18

**BOOK REVIEWS**

- The Psychological Impact of the Partition of India—Continuity of Madness, the Border, and Partition of India*  
— *Srishtee Sethi* ..... 23

- Shadows of Doubt: Stereotypes, Crime, and the Pursuit of Justice—Impacts of Stereotyping on the Criminal Justice System*  
— *Vijay Raghavan* ..... 25

**PERSPECTIVES**

- Epidemics and Capitalism: Accurate Identification of Contradictions  
— *Sandipan Baksi* ..... 28

**SPECIAL ARTICLES**

- Small Businesses, Big Reform: A Survey of the MSMEs Facing GST  
— *Sangeeta Ghosh* ..... 32

- 'Piloting' Gender in the Indian Railways: Women Loco-pilots, Labour and Technology  
— *Arundhathi* ..... 40

- Implementation of Community Forest Rights: Experiences in the Vidarbha Region of Maharashtra  
— *Geetanjoy Sahu* ..... 46

**CURRENT STATISTICS** ..... 53**POSTSCRIPT**

- The Paan on My Plate: From Bread to Identity*  
— *Akshyah Krishnakumar* (55),  
*Lending a Voice to Baahubali: Of Animal Rights and a Champion Goat*  
— *P P Vijayalakshmi, Rajlakshmi Kanjilal* (56),  
*The Art of Storytelling and Listening: Rescripting Inner Narrative*—*Indu Divya* (57),  
*Last Lines* (58)

**LETTERS** ..... 4

12 OCT 2020

**The Uselessness of Art**

- 10 Art is a rare form of economic activity that has an impact on every other human endeavour without ever proclaiming its influence. — *T M Krishna*

**Identity of a Disease**

- 13 The intersections of class, region and other social dimensions that go into the discovery and identification of some diseases as epidemics while relegating other pervasive and lethal illnesses as “ordinary” are examined. — *Maya John*

**Plugging Loopholes in Taxation of Interstate Sales**

- 18 The risk of revenue loss on account of the interstate purchase of out-of-GST petroleum products at a concessional rate of 2% may not give an opportunity to state governments to lift the economy out of fiscal shock. — *Sacchidananda Mukherjee*

**The Mathadi Model**

- 21 The relevance of the Mathadi model of social security to casual and other workers in the present context is highlighted, and inputs on adopting its good practices in the proposed code on social security are provided. — *Manoj Jatav, Deepika Jajoria*

**Saving Jobs and Averting Lay-offs**

- 25 In the short run, fixing accountability on employers for wages and jobs will provide an interim relief, but in the long run we need to take financial viability into consideration and provide stimulus wage subsidy. — *Rahul Suresh Sapkal*

**Migration and Reverse Migration in the Age of COVID-19**

- 28 The source to destination streams of migrant labour is outlined, and it is then argued that reverse migration will perhaps usher in the greatest crisis in the rural landscape of India. — *Ajay Dandekar, Rahul Ghai*

**Gandhi's Reflective and Dialogical Approach**

- 38 Gandhi's path of self-reflection and dialogue among different views are the need of the time, to find deliberative ways to resolve conflicts. — *Ghanshyam Shah*

**Linguistic Dimension of Draft National Education Policy**

- 43 The Kasturirangan Committee's framing of the draft National Education Policy, 2019 seems to be rather ill-informed linguistically with unpractical recommendations. — *Rama Kant Agnihotri*

**Developing India's Mobile Phone Manufacturing Industry**

- 50 Despite a spike in domestic manufacturing of mobile phones, high import dependence for parts is an outcome of the sector's weak innovation capability. — *Sunil Mani*

**Challenges in Implementing PCMA, 2006**

- 58 The role of child marriage protection officers, who have been given the power to prevent and prosecute solemnisation of child marriages and create awareness on the issue, is examined. — *Trupti Jhaveri Panchal, Sumati Thusoo & Vinita Ajaonkar*

**EDITORIALS**

- Ameliorating Rural Distress.....7  
COVID-19 and National Disaster Management Act..8

**FROM THE EDITOR'S DESK**

- A Tragic Travelogue.....9

**FROM 50 YEARS AGO**

- .....9

**ALTERNATIVE STANDPOINT**

- The Uselessness of Art  
— *T M Krishna*.....10

**COMMENTARY**

- Identity of a Disease: Social Epistemology and  
Epidemiology in the Light of COVID-19  
— *Maya John*.....13

- Plugging Loopholes in Taxation of  
Interstate Sales  
— *Sacchidananda Mukherjee*.....18

- The Mathadi Model and Its Relevance for  
Empowering Unprotected Workers  
— *Manoj Jatav, Deepika Jajoria*.....21

- Saving Jobs and Averting Lay-offs  
amidst COVID-19 Lockdown  
— *Rahul Suresh Sapkal*.....25

- Migration and Reverse Migration in  
the Age of COVID-19  
— *Ajay Dandekar, Rahul Ghai*.....28

**BOOK REVIEWS**

- Regulation in India: Design, Capacity,  
Performance—Understanding the Indian  
Regulatory State*  
— *Sanjana Krishnan*.....32

- Independence and Accountability of the Indian  
Higher Judiciary—A Battle of Three 'A's:  
Appointments, Autonomy, and Accountability  
of Appellate Courts*  
— *Upendra Baxi*.....34

**PERSPECTIVES**

- Gandhi's Reflective and Dialogical Approach  
to Search for the Truth  
— *Ghanshyam Shah*.....38

- Examining the Linguistic Dimension of  
Draft National Education Policy, 2019  
— *Rama Kant Agnihotri*.....43

**SPECIAL ARTICLES**

- Developing India's Mobile Phone  
Manufacturing Industry  
— *Sunil Mani*.....50

- Child Marriages in Haryana:  
Challenges in Implementing PCMA, 2006  
— *Trupti Jhaveri Panchal, Sumati Thusoo,  
Vinita Ajaonkar*.....58

**CURRENT STATISTICS**.....65**LETTERS**.....4

## Outsourcing the Stimulus

10 The government's attempts to outsource the stimulus have run into multiple roadblocks. — *C P Chandrasekhar*

## Significance of Testing for Identification of COVID-19

12 The official and media discourse's focus on the cumulative or daily detection of infected cases, irrespective of the number of people tested, confuses the issue of disease progression. — *Sourindra Mohan Ghosh, Imrana Qadeer*

## Density, Distancing, Informal Settlements and the Pandemic

16 Demographic density, particularly in the low-income settlements in urban India, is posing some unprecedented challenges to governance for containing the COVID-19 contagion. — *Sarani Khatua*

## Remaking the Indian Military for Women

18 The judgment in the Babita Puniya case illustrates the gender stereotypes, inequality and discrimination deeply embedded in the Indian military. — *Purna Dhoop*

## Visual Background as a Window to the Social Background

21 In a time when online education is becoming prevalent, an aspect of it that needs to be discussed is that of social disparities and embarrassments made visible by video conferencing. — *Mahashweta Bhattacharya*

## Review of Women's Studies

Six articles examine the relationship between labour and the Constitution through the gender lens.

## Social Reproduction and Capital Accumulation

30 The relationship between social reproduction and capital accumulation is delineated by arguing that social reproduction subsidises wages through unpaid labour time. — *Chirashree Das Gupta*

## Dispossessed Women's Work

37 This paper examines the experiences of dispossessed women in terms of accessing work opportunities in a setting of opencast coal mining in Talcher coalfields of Odisha. — *Suravee Nayak*

## Impact of Uttarakhand's Reservation Judgment on Women

44 This paper evaluates the effects of the anti-reservation judgments with a gender lens, looking at the potential and possibilities for lower-caste women in education and employment. — *Sameena Dalwai, Aabhinav Tyagi*

## Examining Local Committees under the Sexual Harassment Act

51 There remains a lack of data when it comes to understanding the functioning of the local committees under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. — *Anagha Sarpotdar*

## Some Reflections on the Maternity Benefit Act, 1961

59 The amendments to the Maternity Benefit Act, 1961 are juxtaposed with feminist and constitutional principles as well as ground-level realities and practices. — *Saumya Uma, Aditya Kamath*

## Labour Migration, Trafficking and Gender

66 The absence of a gender perspective in the labour laws and the absence of any labour rights perspective in the anti-trafficking frameworks are detrimental to the interests of migrant women workers. — *Indrani Mazumdar, Neetha N*

## Postscript

79 *Isha Bhallamudi* on the need for healthy conversations about sex in our families and homes; *Yogesh Maitreya* on the journey of the Dalit protagonist; *Badrinarayanan Srinivasan* on the lockdown as an opportunity to be more mindful about our "essential" needs; and Last Lines by *Ponnappa*

# Economic & Political WEEKLY

## EDITORIALS

Living with COVID-19 .....7  
Who Loves a Labour Law Ordinance?.....8

## FROM THE EDITOR'S DESK

Journalism in the Normative Mode .....9

## FROM 50 YEARS AGO

## HT PAREKH FINANCE COLUMN

Outsourcing the Stimulus  
— *C P Chandrasekhar* .....11

## COMMENTARY

12 OCT 2020  
Significance of Testing for Identification of COVID-19: A State-level Analysis  
— *Sourindra Mohan Ghosh, Imrana Qadeer* ..... 12  
Density, Distancing, Informal Settlements and the Pandemic—*Sarani Khatua* ..... 16  
Remaking the Indian Military for Women: Beyond the Babita Puniya Judgment  
— *Purna Dhoop* ..... 18  
Walls That Speak: Visual Background as a Window to the Social Background  
— *Mahashweta Bhattacharya* ..... 21

## REVIEW ARTICLE

*Culture, Vernacular Politics, and the Peasants: India, 1889-1950; My Life Struggle: The Bihar Provincial Kisan Sabha 1929-1942: A Study of an Indian Peasant Movement—Peasants and Their Interlocutors: Swami Sahajanand, Walter Hauser and the Kisan Sabha*  
*Manish Thakur, Nabanipa Bhattacharjee* .....24

## REVIEW OF WOMEN'S STUDIES

Gender, Labour and the Constitution  
— *Indrani Mazumdar, Saumya Uma* .....29  
Social Reproduction, Constitutional Provisions and Capital Accumulation in Post-independent India— *Chirashree Das Gupta* ..... 30  
Dispossessed Women's Work: The Case of Talcher Coalfields of Odisha—*Suravee Nayak* ..... 37  
Impact of Uttarakhand's Reservation Judgment on Women—*Sameena Dalwai, Aabhinav Tyagi*... 44  
Examining Local Committees under the Sexual Harassment of Women at Workplace Act  
— *Anagha Sarpotdar* ..... 51  
Gamechanger or a Trojan Horse?  
Some Reflections on the Maternity Benefit Act, 1961  
— *Saumya Uma, Aditya Kamath* .....59  
Crossroads and Boundaries: Labour Migration, Trafficking and Gender  
— *Indrani Mazumdar, Neetha N*..... 66

## CURRENT STATISTICS.....76

## POSTSCRIPT

'Bois Locker Room': Outrage and Othering  
— *Isha Bhallamudi* (79),  
The Birth of the Dalit Protagonist  
— *Yogesh Maitreya* (80),  
Bardo of Lockdown  
— *Badrinarayanan Srinivasan* (82),  
Last Lines (82)

## LETTERS ..... 4

**A Regressive World View on Scheduled Tribe Reservations**

- 10 The Supreme Court's setting aside of the preference scheme for Scheduled Tribes in schools in Scheduled Areas in Andhra Pradesh goes against the high court's more nuanced and sensitive position in the same case.  
— *Alok Prasanna Kumar*

**Health and Nutrition of India's Labour Force**

- 13 India needs a data-driven exit and post-exit strategy from the COVID-19 lockdown that will not only mitigate the immediate food crisis, but also reduce the long-term structural bottlenecks limiting poor households' access to food.  
— *Uma Lele, Sangeeta Bansal & J V Meenakshi*

**Mumbai's Struggles with Public Health Crises**

- 17 The economic catastrophe precipitated by the COVID-19 pandemic and the response of the dismal public health system has actually led to the heightening of the public health crisis. — *Ravi Duggal*

**Coerced Movements and the Unravelling of a 'People'**

- 21 There is a need to take cognisance of the coevalness of deterritorialisation, capital accumulation and the pronounced turn to the ethnic in the conceiving of sociopolitical identities. — *Sudeep Basu, Sarasij Majumder*

**Taxation in the Times of COVID-19**

- 25 An analysis of the measures to provide tax relief by the Government of India shows the need to adopt a holistic approach and devise a strategic plan in respect of direct tax laws. — *Kajol A Punjabi*

**An Apostle of Sociological Theory: Yogendra Singh (1932–2020)**

- 28 A student and fellow sociologist reminisces about Yogendra Singh, a distinguished scholar and theorist, and a founding member of sociology centres at the University of Rajasthan and Jawaharlal Nehru University.  
— *KL Sharma*

**COVID-19, Public Health System and Local Governance in Kerala**

- 35 Kerala has been successful in containing COVID-19 and in achieving a low rate of spread, high recovery, and low fatality. — *T M Thomas Isaac, Rajeev Sadanandan*

**Community Self-governance in Education**

- 41 The struggles for self-determination and self-governance by Adivasis have provided ample legal space to alter the present governance in education to democratise and establish community self-governance in education.  
— *C R Bijoy*

**Access to Credit in Eastern India**

- 46 The impact of access to credit on the economic well-being of agricultural households is empirically evaluated using a large, farm-level data set from eastern Indian states. — *Anjani Kumar, Vinay K Sonkar & Sunil Saroj*

**Revisiting Open Defecation**

- 55 The results from a late 2018 survey that revisited households from a 2014 survey in four states—Bihar, Madhya Pradesh, Rajasthan, and Uttar Pradesh—show that open defecation remains very common in these four states.  
— *Aashish Gupta, Nazar Khalid, Devashish Deshpande, Payal Hathi, Avani Kapur, Nikhil Srivastav, Sangita Vyas, Dean Spears & Diane Coffey*

**EDITORIALS**

- No Stimulus in Economic Stimulus Package .....7  
The Idea of 'Atmanirbhar' India .....8

**FROM THE EDITOR'S DESK**

- Significance of the Petitionary Genre .....9

**FROM 50 YEARS AGO**

- .....9

**LAW & SOCIETY**

- A Regressive World View on Scheduled Tribe Reservations  
— *Alok Prasanna Kumar* .....10

**COMMENTARY**

- Health and Nutrition of India's Labour Force and COVID-19 Challenges  
— *Uma Lele, Sangeeta Bansal, J V Meenakshi* .....13  
Mumbai's Struggles with Public Health Crises: From Plague to COVID-19  
— *Ravi Duggal* .....17  
Coerced Movements and the Unravelling of a 'People'  
— *Sudeep Basu, Sarasij Majumder* .....21  
Taxation in the Times of COVID-19  
— *Kajol A Punjabi* .....25  
An Apostle of Sociological Theory: Yogendra Singh (1932–2020)  
— *KL Sharma* .....28

**BOOK REVIEWS**

- The Politics of Swidden Farming: Environment and Development in Eastern India*— Swidden Farming among the Yimchunger Nagas  
— *Jelle J P Wouters* .....30  
*The Empire of Apostles: Religion, Accommodation, and the Imagination of Empire in Early Modern Brazil and India*— An Entangled History: Jesuit Missionaries in Brazil and India  
— *Divya Kannan* .....33

**PERSPECTIVES**

- COVID-19, Public Health System and Local Governance in Kerala  
— *T M Thomas Isaac, Rajeev Sadanandan* .....35  
Community Self-governance in Education  
— *C R Bijoy* .....41

**SPECIAL ARTICLES**

- Access to Credit in Eastern India: Implications for the Economic Well-being of Agricultural Households— *Anjani Kumar, Vinay K Sonkar, Sunil Saroj* .....46  
Revisiting Open Defecation: Evidence from a Panel Survey in Rural North India, 2014–18  
— *Aashish Gupta, Nazar Khalid, Devashish Deshpande, Payal Hathi, Avani Kapur, Nikhil Srivastav, Sangita Vyas, Dean Spears, Diane Coffey* .....55

**CURRENT STATISTICS** .....64**LETTERS** .....4



12 OCT 2020

## The Elusive Home

- 7 Do Indian states have the political will to make the return migrants feel at "home"?

## Fortifying Investors' Interests

- 8 The government's stimulus package, by prioritising foreign and private capital, undercuts the significance of self-reliance.

## Examining the COVID-19 Relief Package for MSMEs

- 10 The COVID-19 relief package for micro, small and medium enterprises and the changes to the defining criteria for MSMEs are examined. — *Sangeeta Ghosh*

## A Gender-responsive Policy and Fiscal Response to the Pandemic

- 14 It is important to include women and lesbian, gay, bisexual, transgender, queer and intersex+ in government policy and the fiscal response to the ongoing health crisis. — *Jashodhara Dasgupta, Sona Mitra*

## Role of the Private Sector in Escalating Medical Inflation

- 18 Analysing 75th round NSS data, it is found that treatment costs in private commercial hospitals as well as in private charitable hospitals are manifold compared to public facilities. — *Pritam Datta, Chetana Chaudhuri*

## Paradox of a Supply Constrained Keynesian Equilibrium

- 22 This article looks at the possible impact on prices and discusses the implications of select policy interventions for a "supply-constrained" Keynesian equilibrium. — *Dipankar Dasgupta, Meenakshi Rajeev*

## Labour Law Changes: Innocuous Mistakes or Sleight of Hand?

- 33 The changes in labour laws announced during the lockdown period in several states reflect a lack of concern for the highest unemployment seen in the past 45 years and the large number of workers returning back to an economy ravaged by agrarian distress. — *Atul Sood, Paaritosh Nath*

## Lives and Livelihood: An Exit Strategy from Lockdown

- 38 A road map for resuming limited economic activities with necessary precautions in certain industries that can lessen economic pain, given the prevailing situation, has been drawn up in this paper. — *Partha Chatterjee, Soma Dey & Shweta Jain*

## Rapid Growth of Private Universities

- 45 Based on higher education enrolment data from the All India Survey on Higher Education, the social and academic character of universities is studied to understand the consequences of the rapid growth of private universities. — *Anirban Sengupta*

## From Field Diaries to Institutional(ised) Authorship

- 53 The ways in which three doctoral scholars engaged in ethnographic research in differing social worlds are explored here, raising important questions about the dilemmas of authoring social worlds. — *Anupama Mahajan, Krupa Rajangam & Savitha Suresh Babu*

## Postscript

- 63 *A P Ashwin Kumar* on understanding social systems and the calls to overhaul them in the context of the COVID-19 pandemic; *Varsha Gopal* on Pixação as a visual art form born from resistance in São Paulo; *Madhumati Dutta* on life at the threshold of the COVID-19 pandemic; and Last Lines by *Ponnappa*.

## EDITORIALS

- The Elusive Home .....7  
Fortifying Investors' Interests.....8

## FROM THE EDITOR'S DESK

- In a Perpetual Panic.....9

## FROM 50 YEARS AGO

## COMMENTARY

- Examining the COVID-19 Relief Package for MSMEs  
— *Sangeeta Ghosh* .....10  
A Gender-responsive Policy and Fiscal Response to the Pandemic  
— *Jashodhara Dasgupta, Sona Mitra*.....14  
Role of the Private Sector in Escalating Medical Inflation: Evidence from 75th Round NSS Data  
— *Pritam Datta, Chetana Chaudhuri*.....18  
Paradox of a Supply Constrained Keynesian Equilibrium: The COVID-19 Case  
— *Dipankar Dasgupta, Meenakshi Rajeev*.....22

## BOOK REVIEWS

- Political Parties, Party Manifestos and Elections in India, 1909–2014—A History of Political Parties in India*  
— *Mahendra Prasad Singh*.....28  
*Resurgent Asia: Diversity in Development—The Phenomenal Rise of Asia: Unfolding of Diverse Development Strategies*  
— *Rakesh Mohan* .....30

## INSIGHT

- Labour Law Changes: Innocuous Mistakes or Sleight of Hand?  
— *Atul Sood, Paaritosh Nath* .....33

## SPECIAL ARTICLES

- Lives and Livelihood:  
An Exit Strategy from Lockdown  
— *Partha Chatterjee, Soma Dey, Shweta Jain*.....38  
Rapid Growth of Private Universities:  
Transformation of the University Space  
— *Anirban Sengupta*.....45  
Doctoral Journeys: From Field Diaries to Institutional(ised) Authorship  
— *Anupama Mahajan, Krupa Rajangam, Savitha Suresh Babu*.....53

## CURRENT STATISTICS.....61

## POSTSCRIPT

- COVID-19 and the Rhetoric of Social Overhaul  
— *A P Ashwin Kumar* (63),  
Pixação in São Paulo: Stories from the *Favelas*  
— *Varsha Gopal* (64),  
The Coming of Corona  
— *Madhumati Dutta* (65),  
Last Lines (66)

## LETTERS.....4

**Employment Insecurities in the Service Sector**

7 Employers' strategies of pushing lay-offs and labour reforms intensify the precarity of employment.

**Migration Commission**

8 The Migration Commission must listen to the workers' voices and their concerns.

**Of Whales and Wheels: Buddhist Lessons in Democracy**

10 For B R Ambedkar, Buddha's dhamma embodied an ethics of restraint and a sense of *maithri* that the state should adhere to. — *V Geetha*

**Digital Global Warming**

12 We are producing an enormous amount of "invisible" digital waste, which will lead to a new kind of global warming that we call digital global warming. — *Sekhar Sarukkai, Sundar Sarukkai*

**Locked in a Crisis: Concerns of Rural Women**

15 This article is based on the documentation of issues faced by women farmers across 14 districts of the Vidarbha and Marathwada regions of Maharashtra that the present pandemic has exposed. — *Seema Kulkarni*

**What Is So Wrong with Online Teaching?**

19 A university teacher assesses what is wrong in visualising the online space as a place for regular education in the context of the pandemic. — *Saumyajit Bhattacharya*

**COVID-19 Pandemic and Racism in the United States and India**

21 This article examines the rise of racial discrimination in the United States and India, and argues that the stigmatisation of a certain race triggers racial division and hinders the collective fight against the pandemic. — *Nehginpao Kipgen*

**Understanding Citizenship and Refugees' Status in India**

31 This article seeks to argue that India's kindness for some refugee communities and ignorant behaviour for Muslim refugees has raised doubts on its way of refugee dealings, and has posed questions on the very secular face of the Indian state. — *Prachi Raj*

**Use of Algorithmic Techniques for Law Enforcement**

35 In the light of the possibility of state regulation and surveillance of social media, the proposed use of the technique of sentiment analysis of social media data to guide actions of law enforcement agencies merits close scrutiny. — *Hans Varghese Mathews, Amber Sinha*

**The Naga Homeland Movement**

43 This article is a critical endeavour to understand and (re)imagine the relevance of Naga homeland politics in the light of its expectations in the neo-liberal era. — *Kedilezo Kikhi*

**PM-KISAN and the Adoption of Modern Agricultural Technologies**

49 This study, based on 1,406 farmers of Uttar Pradesh, examines the differential impact of the PM-KISAN scheme on the Krishi Vigyan Kendra beneficiaries. — *Deepak Varshney, Pramod Kumar Joshi, Devesh Roy & Anjani Kumar*

**EDITORIALS**

Employment Insecurities in the Service Sector....7  
Migration Commission .....8

**FROM THE EDITOR'S DESK**

Black Lives Matter..... 9

**FROM 50 YEARS AGO** ..... 9

**ALTERNATIVE STANDPOINT**

Of Whales and Wheels:  
Buddhist Lessons in Democracy  
—*V Geetha* ..... 9

**COMMENTARY**

Digital Global Warming  
—*Sekhar Sarukkai, Sundar Sarukkai* ..... 12  
Locked in a Crisis: Concerns of Rural Women  
—*Seema Kulkarni* ..... 15  
What Is So Wrong with Online Teaching?  
—*Saumyajit Bhattacharya* ..... 19  
COVID-19 Pandemic and Racism in  
the United States and India  
—*Nehginpao Kipgen* ..... 21

**BOOK REVIEWS**

*India's Aged: Needs and Vulnerabilities—Insights into the Condition of Elderly in India*  
—*Tulika Tripathi* ..... 27  
*Women and the Puranic Tradition in India—Women in the Puranas*  
—*Arshia Sattar* ..... 29

**PERSPECTIVES**

Understanding Citizenship and  
Refugees' Status in India  
—*Prachi Raj* ..... 31

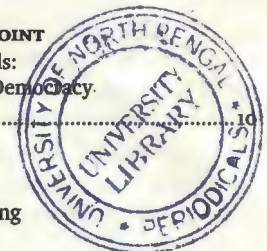
**SPECIAL ARTICLES**

Use of Algorithmic Techniques for Law  
Enforcement: An Analysis of Scrutability for  
Juridical Purposes  
—*Hans Varghese Mathews, Amber Sinha* ..... 35  
The Naga Homeland Movement: Historical  
Trajectory and Contemporary Relevance  
—*Kedilezo Kikhi* ..... 43  
PM-KISAN and the Adoption of Modern  
Agricultural Technologies  
—*Deepak Varshney, Pramod Kumar Joshi, Devesh Roy, Anjani Kumar* ..... 49

**CURRENT STATISTICS** ..... 57

**LETTERS** ..... 4

12 OCT 2020





**Exiting the Lockdown Sustainably**

10 To lockdown or “open up the economy” is a false dichotomy.  
— *Avinash Persaud*

**Challenges in the Midst of the COVID-19 Pandemic**

11 Kerala’s experience shows how public investment in healthcare and a participatory mode of governance with empowered local governments can help in pandemic mitigation. — *Pinarayi Vijayan*

**Parliaments in the Time of the Pandemic**

14 Taking a cue from the parliaments worldwide that are functional during the pandemic, modalities to ensure the functioning of parliamentary institutions need to be devised. — *Maansi Verma*

**COVID-19 and Infectious Misinformation**

18 Enabling people to identify unscientific claims and hoaxes is the way forward to build rational immunity to halt the infectious spread of misinformation. — *Aniket Sule*

**Marginalised Migrants and Bihar as an Area of Origin**

21 The return migration to Bihar in the wake of COVID-19 necessitates that the state generate farm and non-farm employment to address the crisis situation. — *Avinash Kumar, Manish Kumar*

**Economic Implication of a Novel Disease Outbreak**

25 It has become highly imperative to invest in total epidemic preparedness involving health and non-health interventions, research and development as well as capacity building at all levels. — *Unmilan Kalita, Arup Kumar Hazarika, Rajiv Kumar Bora, Subhash Khanna & Tapash Kumar Barman*

**Encroachments on the Waterbodies in Tamil Nadu**

27 Recurrent droughts in Tamil Nadu necessitate that its waterbodies be restored and protected, and encroachments are removed. — *S Rajendran*

**Measuring Access, Quality and Relevance in Higher Education**

34 It is proposed that the eligible enrolment ratio could be a better indicator to measure the level of participation in education instead of the gross enrolment ratio, as highlighted by a study of five-year data of 10 different countries. — *Pankaj Mittal, Anjali Radkar, Anitha Kurup, Ashwani Kharola & Bhushan Patwardhan*

**Divergent Responses to the Forest Rights Act in Nagarahole**

38 The FRA’s success has been limited, as it has been unable to fully take into account specific histories, socio-economic conditions, and political discourses of conservation advocates and Adivasi rights activists. — *Priya Gupta*

**Impact of the Negative Interest Rate Policy**

46 The analysis provides an assessment of the domestic and global implications of the negative interest rate policy and how it differs from that of quantitative easing. — *Abhishek Anand, Lekha Chakraborty*

**Water Conservation and Religious Organisations**

57 A response to Srirupa Bhattacharya’s article “Groundwater, Gurus, and Governmentality: Seva in the Neo-liberal Development Regime in India” (EPW, 10 August 2019) — *Sachin Tiwale*

**Postscript**

63 *Shreya Yadav* reflects on communities whose lives are intertwined with the ecology; *Sunil Macwan* sees literature’s power to vividly capture human behaviour in times of crisis; *Devashish Makhija* on whether contemporary Indian cinema records the people’s history of our times; and Last Lines by *Ponnappa*.

**EDITORIALS**

A Dilemma for the Government ..... 7  
Neighbours in Strife ..... 8

**FROM THE EDITOR’S DESK**

Subterranean Politics of Generosity ..... 9

**FROM 50 YEARS AGO** ..... 9

**HT PAREKH FINANCE COMMENT**  
Exiting the Lockdown Sustainably

— *Avinash Persaud* ..... 10

**COMMENTARY**

Challenges in the Midst of the COVID-19 Pandemic—*Pinarayi Vijayan* ..... 11

Parliaments in the Time of the Pandemic —*Maansi Verma* ..... 14

COVID-19 and Infectious Misinformation —*Aniket Sule* ..... 18

Marginalised Migrants and Bihar as an Area of Origin —*Avinash Kumar, Manish Kumar* ..... 21

Economic Implication of a Novel Disease Outbreak: Understanding Its Genesis —*Unmilan Kalita, Arup Kumar Hazarika, Rajiv Kumar Bora, Subhash Khanna, Tapash Kumar Barman* ..... 25

Encroachments on the Waterbodies in Tamil Nadu—*S Rajendran* ..... 27

**REVIEW ARTICLE**

*Who Is Bharat Mata? On History, Culture and the Idea of India*—Nehru’s Enlightened Middle Way —*Rajeev Bhargava* ..... 29

**PERSPECTIVES**

Measuring Access, Quality and Relevance in Higher Education —*Pankaj Mittal, Anjali Radkar, Anitha Kurup, Ashwani Kharola, Bhushan Patwardhan* ..... 34

**SPECIAL ARTICLES**

Divergent Responses to the Forest Rights Act in Nagarahole: Disenchantment and Assertion —*Priya Gupta* ..... 38

Impact of the Negative Interest Rate Policy on Emerging Asian Markets: An Empirical Investigation —*Abhishek Anand, Lekha Chakraborty* ..... 46

**DISCUSSION**

Water Conservation and Religious Organisations —*Sachin Tiwale* ..... 57

**CURRENT STATISTICS** ..... 61

**POSTSCRIPT**

Fish for an Island—*Shreya Yadav* (63),  
Reading a Journal of the Plague Year during the Lockdown—*Sunil Macwan* (64),  
Indian Global Cinema and the People’s History —*Devashish Makhija* (65), Last Lines (66)

**LETTERS** ..... 4

**NEET Undermines Constitutional Provisions**

7 OBC reservations for NEET are a constitutional necessity for ensuring social justice.

**Sensitivity, Not Sensationalism**

8 The media regurgitates learned biases when reporting on people with mental health disorders.

**Lawless Lawmaking in a COVID-19 World**

10 India's management of the COVID-19 global pandemic has been marked by excessive centralisation, lawless lawmaking and non-consultative decision-making processes at the union-government level.  
— *Alok Prasanna Kumar*

**Procedural Rationality in the Time of COVID-19**

13 In complex situations like the current global pandemic, where Knightian uncertainty plays a big role, the behaviour of countries, sectors of the economy, and individuals may be characterised by procedural rationality.  
— *Utteeyo Dasgupta, Chandan Kumar Jha & Sudipta Sarangi*

**Towards More Inclusive Water Management**

16 Policy and practice related to water management have failed to create inclusive solutions due to blinkered disciplinary thinking about a resource that plays multiple sociocultural, environmental, economic and ecological roles.  
— *Neha Khandekar, Tanvi Agrawal, Rashmi Kulranjan & Siddhartha Krishnan*

**The Overseer of the Plague: Reading Oedipus Rex during COVID-19**

19 A critical reading of the Greek tragedy *Oedipus Rex* with a focus on the protagonist as a ruler overseeing a city under a plague is illuminating for our times. — *Maaz Bin Bilal*

**Neo-liberal Restoration at the Barrel of a Gun**

21 Some characteristics of the contemporary phase of global neo-liberalism in light of the recent coup organised by the extreme right-wing forces in Bolivia against the leftist President Evo Morales in 2019 are examined.  
— *Tathagatan Ravindran*

**Remembering A Vaidyanathan (1931–2020)**

25 A Vaidyanathan was a stalwart among social scientists and has made distinguished contributions to several branches of economics: agriculture and irrigation, water management, data analysis and development policy.  
— *V K Natraj*

**Gandhi and the Pandemic**

34 During the 1918–19 Spanish flu in India, the letters and utterances of Mohandas Gandhi give some clues as to why he may have been numb to what was transpiring around him. — *Thomas Weber, Dennis Dalton*

**Decoding Ayushman Bharat: A Political Economy Perspective**

107 Ayushman Bharat is a step towards creating a system that would facilitate in relinquishing public funds and public institutions to already dominant private players, which will have serious implications for the healthcare delivery system in India. — *Shailender Kumar Hooda*

**Farmer Suicides in Maharashtra, 2001–2018**

116 An analysis of data reveals the relationship between farmer suicides and issues such as monsoon failure, water shortage, drought, absence of social security, robust crop procurement mechanisms and increasing debt burdens.  
— *Dnyandev Talule*

**EDITORIALS**

NEET Undermines Constitutional Provisions .....7  
Sensitivity, Not Sensationalism .....8

**FROM THE EDITOR'S DESK**

Critique Caught in a Deadlock ..... 9  
FROM 50 YEARS AGO .....9

**LAW & SOCIETY**

Lawless Lawmaking in a COVID-19 World  
— *Alok Prasanna Kumar* ..... 10

**COMMENTARY**

Procedural Rationality in the Time of COVID-19  
— *Utteeyo Dasgupta, Chandan Kumar Jha, Sudipta Sarangi* ..... 13  
Towards More Inclusive Water Management  
— *Neha Khandekar, Tanvi Agrawal, Rashmi Kulranjan, Siddhartha Krishnan* ..... 16  
The Overseer of the Plague: Reading *Oedipus Rex* during COVID-19  
— *Maaz Bin Bilal* ..... 19  
Neo-liberal Restoration at the Barrel of a Gun: Dissecting the Racist Coup in Bolivia  
— *Tathagatan Ravindran* ..... 21  
Remembering A Vaidyanathan (1931–2020)  
— *V K Natraj* ..... 25

**BOOK REVIEWS**

*Experience, Caste and the Everyday Social— A New Framework for Social Science*  
— *Bruce Kapferer* .....29  
*War over Words: Censorship in India, 1930–1960— Proscribing the 'Inconvenient'*  
— *Dhaval Kulkarni* .....32

**PERSPECTIVES**

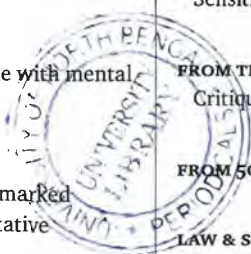
Gandhi and the Pandemic  
— *Thomas Weber, Dennis Dalton* .....34

**SPECIAL ARTICLES**

Decoding Ayushman Bharat: A Political Economy Perspective  
— *Shailender Kumar Hooda* ..... 107  
Farmer Suicides in Maharashtra, 2001–2018: Trends across Marathwada and Vidarbha  
— *Dnyandev Talule* ..... 116

**CURRENT STATISTICS** ..... 127

**LETTERS** ..... 4



## Review of Rural Affairs

This edition of the *Review of Rural Affairs* brings together a set of five papers that traverse diverse themes related to agriculture and the rural economy in India. These papers present interesting insights, both from the analysis of secondary data as well as from longitudinal surveys and field-based studies, on the transitions underway in the agricultural sector and also provide suggestions for policymaking.



## Droughts, Heatwaves and Agricultural Adaptation: A Historical Account for India

- 5 There has been an escalation in the frequency and intensity of extreme events such as droughts and heatwaves that are attributed to climate change. The paper examines the impact of heatwaves and drought on agricultural production in India, over 1981–2015 on 10 crops, namely paddy, jowar, bajra, maize, tur, groundnut, soybean, wheat, mustard, and gram. It finds that the adaptation to climate variability has happened on account of advancements in technology, increased awareness, institutional learning, and other strategies to cope with droughts. However, it shows that there exists considerable variation across crops regarding the adaptability to climatic variability based on the sensitivity of the crop to water stress and heat, crop responsiveness to irrigation and cost of adaptation in relation to value of the crop. — *Ashutosh Kumar Tripathi, Sumita Sindhi*

## Small Farmers and Organised Retail Chains in India

- 13 To assess the drivers and constraints determining the participation in two types of marketing chains, the farmers selling vegetables to Mother Dairy, an organised retail chain, are compared with those selling to the local *mandi* in Haryana. The findings point to the significance of farm size in determining farmers' participation in organised retail chains. Using the Heckman selection–correction model, it is found that though the income of participating farmers increases, this depends on the farm size. The Ginni coefficient shows that the inequality in income distribution is more among the participating rather than the non-participating farmers. — *Jitender Singh*

## Punjab's Agricultural Labourers in Transition: A Longitudinal Study of Three Decades

- 21 The transition of agricultural labour households over three decades in the rural economy of Punjab is elucidated using longitudinal surveys conducted in 1978–88 and 2018–19. The extent and the magnitude of this transition are analysed, revealing that, with time, the income pattern of households has changed, which is mainly attributed to changes in the pattern of employment. Further, policy measures are suggested to improve the levels of living of this stratum of the rural society. — *Sukhpal Singh, Shruti Bhogal*

## Employment of Women in Rural Punjab: Deconstructing Agricultural Growth Policy

- 29 The labour market implications of growth in the agricultural sector, specifically on the female labour force participation rate in rural Punjab are assessed. Using both secondary and primary sources of data, it is argued that agricultural growth and crop diversification strategies are not enough to improve the labour force participation rate. Although the employment policies focusing on faster growth, that are based on growth models in economics assuming zero transaction costs, expected that growth itself would generate employment, the paper points out that these policies ignored the social, demographic, and economic constraints faced by women. — *Ashapura Baruah, Indervir Singh*

## Development Challenges for Agriculture in Maharashtra

- 36 The agricultural sector has been under tremendous stress in Maharashtra. Arguing that the state policy has dished out a raw deal to the agricultural sector, the path of this retrogression and the reasons behind the trends are traced. It is found that the agricultural sector is losing cultivable land to other uses as stagnation has set in, which is also accompanied by a sharp increase in small and marginal holdings. The state has no agricultural policy document in place and the sector largely depends on sporadic firefighting approaches. — *Khalil Shaha, S Yogeshwari & R S Deshpande*

**The US–China Disruption and World Order**

10 As foreign offices around the world try to make sense of the disruption in United States–China relations, it is useful to step back and see where things might be headed. — *Zorawar Daulet Singh*

**Epistemic Fortitude: Exhausting Times**

13 Modern economic growth, with the high speed of production, reproduction, distribution, exchange, and consumption of goods as well as services, has created a condition of unprecedented exhaustion. — *Savyasaachi*

**COVID-19 and Dwindling Indian Federalism**

16 One of the many effects of the COVID-19 pandemic disaster is also visible on legislative, executive and financial federalism in India. — *Pankhuri Agrawal*

**Migrant Labour and the Politics of Language**

19 Using the example of the upcoming harvest and planting season in Punjab, both the demand and disregard for the category of “labourer” is traced through the politics of identity, capitalism and colonial rule. — *Navyug Gill*

**Kuttanad and COVID-19: Farmers, Floods and the Pandemic**

28 Aided by the Government of Kerala, the farmers in Kuttanad are continuing to show resistance through cooperation and resilience. — *Rahul N, Ranjith P M*

**Not Just a Thappad: On Domestic Violence**

33 The phenomenon of domestic violence is discussed through the film *Thappad* that addresses the issue sensitively. — *Swati Sehgal*

**Domesticity and Its Substitute: Lockdown and Beyond**

44 This article analyses the class dimension involved in domestic work, namely the devolving of the bulk of such work by upper-class women onto domestic workers. — *Maya John*

**Information Technology and Welfare**

55 The use of information technology in public administration is seen as a significant tool for improving efficiency, transparency and accountability in governance. — *Reetika Khera, Vineeth Patibandla*

**Growth and Structural Change in the Indian Economy**

65 An empirical analysis of the nature and causes of structural change in the Indian economy shows that the industry and the economy are driven by the services sector, which is influenced by external factors. — *Swapnil Soni, M H Bala Subrahmanya*

**Measles–Rubella Vaccine**

79 The mandatory measles–rubella (MR) vaccination drive initiated in schools has raised questions regarding whether informed consent was sought from parents prior to vaccination and its legal implications. — *Y Madhavi*

**Postscript**

89 *Padma Rigzin* on voices from Ladakh getting drowned in the din of mainland India’s calls for war with China; *Abhishek Kumar* on creation of aspirational value replacing the need for enhancing the utility of a product; *Anand Sreekumar* on the superstitions of Kerala being at odds with its so-called exceptionalism; and Last Lines by *Ponnappa*.



10 NOV 2020

**EDITORIALS**

India’s Free Food Politics .....7  
Who Is Responsible for Custodial Violence? ..... 8

**FROM THE EDITOR’S DESK**

Colour of Ego or Egalitarianism? ..... 9

**FROM 50 YEARS AGO**..... 9

**STRATEGIC AFFAIRS**

The US–China Disruption and World Order — *Zorawar Daulet Singh* ..... 10

**ALTERNATIVE STANDPOINT**

Epistemic Fortitude: Exhausting Times — *Savyasaachi*.....13

**COMMENTARY**

COVID-19 and Dwindling Indian Federalism — *Pankhuri Agrawal* .....16  
Essential before the Pandemic: Migrant Labour and the Politics of Language — *Navyug Gill* .....19  
Social Security for Migrant Workers during COVID-19 — *Sonu Pandey* ..... 22  
Locked Down, Trapped and Abandoned Migrant Workers in Pune City — *Anuradha Kalhan, Shamsheer Singh, Kiran Moghe* ..... 25  
Kuttanad and COVID-19: Farmers, Floods and the Pandemic — *Rahul N, Ranjith P M*..... 28  
Not Just a *Thappad*: On Domestic Violence — *Swati Sehgal* ..... 33  
Asymmetrical Federalism and the 100% Reservation Judgment — *Ankush Rai* ..... 35

**BOOK REVIEWS**

*1–800–Worlds: The Making of the Indian Call Centre Economy* — *Dialectics of Flexibility: Scholarly Musings on Call Centre Work* — *Siddharth Adelar* ..... 39  
*The Mortal God: Imagining the Sovereign in Colonial India* — *The Divine Sovereign and Our Predicament* — *Sharmila Purkayastha*..... 42

**PERSPECTIVES**

Domesticity and Its Substitute: Lockdown and Beyond — *Maya John* ..... 44  
Outsiders on the Inside: The Poor in Elite Colleges — *Nitika Bose* ..... 49

**INSIGHTS**

Information Technology and Welfare: Social Security Pensions in Andhra Pradesh — *Reetika Khera, Vineeth Patibandla*.....55  
Regenerating Forests in India — *Lancy Lobo, Jayesh Shah*.....61

**SPECIAL ARTICLES**

Growth and Structural Change in the Indian Economy: An Analysis of Pattern, Determinants, and Outcomes — *Swapnil Soni, M H Bala Subrahmanya*..... 65  
Analysing Disparities in Access to Urban Basic Services under Decentralised Governance: Evidence from West Bengal — *Soumyadip Chattopadhyay, Maumita Das* .....71

**NOTES**

Measles–Rubella Vaccine: Yet Another Vaccine Piggybacking on the Universal Immunisation Programme — *Y Madhavi*..... 79

**CURRENT STATISTICS** ..... 86

**POSTSCRIPT**

Who Will Pay the Price for War? — *Padma Rigzin* (89), *Liquid Objects, Solid Meanings* — *Abhishek Kumar* (90), *Exorcism and the Discourse of Kerala’s Exceptionalism* — *Anand Sreekumar* (92), *Last Lines* (93)

**LETTERS** .....4

**Why Firms Have Zero Net Worth and Why It Matters**

10 There exists a lacuna in economists' understanding of wealth accumulation, the wealth of nations, and the relationship between wealth and "real capital."  
— Steve Roth, T Sabri Öncü

**Domicile Reservations in National Law Universities**

12 Domicile reservations are one way of rectifying the elite nature of national law universities that are distanced from the local communities they are located in. — Alok Prasanna Kumar

**Underestimation of the COVID-19 Burden**

14 The estimated numbers for deaths due to COVID-19 are far in excess of reported numbers and indicate the systemic flaws in reporting deaths in India, augmenting the extent of underestimation. — M S Seshadri, T Jacob John

**India That Is Bharat: The Politics of a National Name**

17 A recent writ petition on renaming India to Bharat, which got dismissed by the Supreme Court, is discussed. — Kanika Gauba

**Institutionalising Information Blindspots**

20 The Draft EIA Notification circulated by the government has measures that go against some of the fundamental principles of environmental governance.  
— Preeta Dhar

**The Man Who Reduced the Transaction Cost of Economics**

22 On 21 May 2020, one of the most cited economists of all time and a key contributor to organisational studies, Oliver E Williamson, passed away.  
— Ranjan Ghosh, Yugank Goyal

**A Never-ending Quest: Shadakshari Settar (1935-2020)**

26 Shadakshari Settar's research covered various fields like history, archaeology, art history, Darshana Shastra, Jaina way of life, epigraphy, and classical Kannada, among others. — N S Gundur, Ravi Korisetar

**Recreation of Disparities**

36 The Supreme Court's decision in *Chebrolu Leela Prasad Rao and Others v State of Andhra Pradesh and Others* has failed to uphold the rights of the Adivasis.  
— K Sudha, Ramanathan Anjana

**The Making of Girlhood**

41 A significant divergence characterises girls' socialisation at home and at school, on the one hand, and their intellectual development through education, on the other. — Krishna Kumar, Latika Gupta

**Court as a Theatre of Politics: Sikh-Muslim Confrontation in Colonial Punjab**

47 A communal conflict between Sikhs and Muslims in a village of late colonial Punjab got transplanted into the courtroom, in which the courts acted as an extension of the public arena. — Javed Iqbal Wani

**Postscript**

207 Brian Lobo on how the lockdown due to COVID-19 has further marginalised the precarious lives of the Adivasis of Dahanu, Maharashtra; a poem by Prabhakar Singh; Sujit Kumar Mishra and Soumya Vinayan on how the film *Thappad* questions gender roles; and Last Lines by Ponnappa.

**EDITORIAL**

Onslaught of Escalating Fuel Prices ..... 7

**COMMENT**

A Regressive Syllabus Redesign ..... 9

**FROM THE EDITOR'S DESK**

Defending the Core Concepts ..... 9

**FROM 50 YEARS AGO**

..... 9

**HT CAKEKH FINANCE COLUMN**

The Wealth of Corporations: Why Firms Have Zero Net Worth and Why It Matters  
— Steve Roth, T Sabri Öncü ..... 10

**LAW & SOCIETY**

Domicile Reservations in National Law Universities  
— Alok Prasanna Kumar ..... 12

**COMMENTARY**

Underestimation of the COVID-19 Burden: Interpreting the Puzzling Numbers  
— M S Seshadri, T Jacob John ..... 14

India That Is Bharat: The Politics of a National Name — Kanika Gauba ..... 17

Draft EIA Notification, 2020: Institutionalising Information Blindspots  
— Preeta Dhar ..... 20

The Man Who Reduced the Transaction Cost of Economics — Ranjan Ghosh, Yugank Goyal ..... 22

A Never-ending Quest: Shadakshari Settar (1935-2020) — N S Gundur, Ravi Korisetar ..... 26

**BOOK REVIEWS**

*Renunciation and Untouchability in India: The Notional and the Empirical in the Caste Order* — The 'Ideal' Brahmin — Sukanya Sarbadhikary ..... 29

*Tracing Gandhi: Satyarthi to Satyagrahi* — Seeking Truth and Practising Satyagraha  
— Sundar Sarukkai ..... 31

*Shabd aur Sangeet: Unravelling Song-Text in India* — Representing Cultural Evolution through Song-text — Vidula Sonagra ..... 33

**PERSPECTIVES**

Recreation of Disparities  
— K Sudha, Ramanathan Anjana ..... 36

**INSIGHT**

The Making of Girlhood: Girls' Everyday Lives and Their Schooling  
— Krishna Kumar, Latika Gupta ..... 41

**SPECIAL ARTICLE**

Court as a Theatre of Politics: Sikh-Muslim Confrontation in Colonial Punjab  
— Javed Iqbal Wani ..... 47

**CURRENT STATISTICS** ..... 204

**POSTSCRIPT**

Locked Down and Left Out: Adivasis in Dahanu  
— Brian Lobo (207),  
The Summer Harvest — Prabhakar Singh (208),  
Searching for Her Space: The Story of a Thappad  
— Sujit Kumar Mishra, Soumya Vinayan (209),  
Last Lines (210)

**LETTERS** ..... 4



15 OCT 2020

**Impacts of COVID-19 on Labour**

7 The costs of the pandemic disproportionately fall on labour.

**Locked Out at the Margins**

8 The pandemic and lockdown have been particularly hard on those at society's margins.

15 OCT 2020

**Child Protection and Preparedness in COVID-19 Epoch**

10 The COVID-19 pandemic and the ensuing lockdown have meant immense hardship, especially for children, and those from the marginalised communities. — *Priti Mahara*

**Lessons for Indian Opposition in Sanders–Corbyn Projects**

13 The consolidation of support behind the political projects articulated by Bernie Sanders and Jeremy Corbyn underscores the relevance of mass politics with clear ideological moorings. — *Satyendra Ranjan*

**Reviving Industrial Growth**

16 The Indian economy faces an uphill task of reviving industrial growth in the post-pandemic scenario as the early onset of domestic slowdown and global disruptions have affected the industrial sector. — *M Suresh Babu, P Jithin*

**Did Public Investment Crowd Out Private Investment in India?**

21 The maximum entropy bootstrap method is applied to overcome the econometric constraints of using a short time series after the publication of a new macroeconomic series in India to confirm the positive role of public infrastructure investment. — *Honey Karun, Hrishikesh Vinod & Lekha S Chakraborty*

**Relocation from Tiger Reserves under the NTCA Guidelines**

33 Relocation under the National Tiger Conservation Authority Guidelines for Voluntary Village Relocation in Notified Core/Critical Tiger Habitats of 2011 represents a paradigmatic shift from the previous history of displacement from protected areas. — *Ujjal Kumar Sarma, Indrani Barpujari*

**Caste and Class in Higher Education Enrolments**

40 The National Sample Survey 2014 data is used to explore the character of class inequality in higher education, over and beyond that of caste. — *Amman Madan*

**Adivasis and Land: The Story of Postcolonial Development in Kerala**

48 This paper attempts to frame an understanding of the land question of Adivasis to show the limitations of the dominant developmental historiography. — *Suresh M*

**EDITORIALS**

Impacts of COVID-19 on Labour .....7  
 Locked Out at the Margins .....8

**FROM THE EDITOR'S DESK**

Numbers and the Anxiety of the State ..... 9  
 FROM 50 YEARS AGO ..... 9

**COMMENTARY**

Child Protection and Preparedness in COVID-19 Epoch  
 — *Priti Mahara* ..... 10  
 Lessons for Indian Opposition in Sanders–Corbyn Projects  
 — *Satyendra Ranjan* .....13  
 Reviving Industrial Growth: Need to Address Demand Constraint  
 — *M Suresh Babu, P Jithin* .....16  
 Did Public Investment Crowd Out Private Investment in India?  
 — *Honey Karun, Hrishikesh Vinod, Lekha S Chakraborty* .....21

**BOOK REVIEWS**

*Special Category States of India—The Special States of India: A Composite Index for Study*  
 — *Akash Solanki* ..... 26  
*Unmaking the Global Sweatshop: Health and Safety of the World's Garment Workers—The RMG Industry: Jeopardising Lives of Workers*  
 — *Anu Muhammad* ..... 28  
*Jugaad Time: Ecologies of Everyday Hacking in India—No Limits to 'Jugaad'*  
 — *Ratnakar Tripathy* .....31

**PERSPECTIVES**

Relocation from Tiger Reserves under the NTCA Guidelines  
 — *Ujjal Kumar Sarma, Indrani Barpujari* ..... 33

**SPECIAL ARTICLES**

Caste and Class in Higher Education Enrolments: Challenges in Conceptualising Social Inequality  
 — *Amman Madan* ..... 40  
 Adivasis and Land: The Story of Postcolonial Development in Kerala  
 — *Suresh M* ..... 48

**CURRENT STATISTICS** .....55

**LETTERS** ..... 4



**Trump's Desperation and Manufactured China Threat**

- 10 The American conservative construction of an enemy in China is an attempt to create fear psychosis among voters to shore up the electoral prospects of a beleaguered Donald Trump. — *Atul Bhardwaj, Inderjeet Parmar*

**Our Essential Workers Need Essential Care**

- 13 Through personal interviews of healthcare workers in India, the state of front-line workers in dealing with COVID-19 in the country is discussed. — *Nikhil Srivastav, Aditi Priya & Payal Hathi*

**COVID-19: Mental Healthcare without Social Justice?**

- 16 It is critical that the government takes long-term economic and mental health policy measures to ensure employment, basic amenities and public health. — *Roli Pandey, Shilpi Kukreja & Kumar Ravi Priya*

**Social Distancing and Sex Workers in India**

- 21 The deplorable condition of sex workers in India amidst the COVID-19 lockdown is discussed as social distancing and the lockdown have left sex workers across the country in poverty and hunger. — *Priyanka Tripathi, Chhandita Das*

**Intellectual Property as Collateral**

- 24 The scope of using intellectual property as collateral is discussed, and through examples, it is shown that, owing to its volatile and dynamic nature, IP is not a reliable collateral. — *Abhishek Kumar*

**Risks of Dignity Inflation in Supreme Court's Reasoning**

- 33 While the Supreme Court of India holds dignity to be a foundational constitutional value, judicial enthusiasm about dignity must be sensitive to the risk of devaluing it in the absence of close legal analysis. — *Pritam Baruah*

**Migrant Workers and the Politics of Mental Health**

- 39 The roping in of tertiary-care mental health institutes by the government in providing individualised (tele)counselling services to migrant workers needs to be viewed with caution. — *Sudarshan R Kottai*

**The Popular Aesthetics of Social Mobility**

- 46 This article argues that the film *Gully Boy's* (2019) quest is anchored within neo-liberal freedoms, albeit topped with a laudable linguistic experiment. — *Akshaya Kumar*

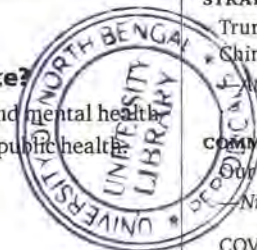
**Harvard's Trolley Problem**

- 53 The case of Harvard's long association with the disgraced billionaire Jeffrey Epstein is discussed, and the analytical method advocated is the "trolley problem," which is used to highlight the difficulty of moral choices. — *Peter Ronald deSouza*

**Postscript**

- 63 *Anjana Menon* on how Malayalam cinema continues to devalue the concept of consent; *Shreya Ramnath* asks whether the COVID-19 pandemic has opened up Carnatic music to the virtual world; *Isha Bhallamudi* on how "woke" politics must go beyond critiquing and cancelling popular culture in aggressive ways; and Last Lines by *Ponnappa*.

12 OCT 2020



## EDITORIALS

- 'One Nation, One Market' ..... 7  
Political Crisis in Rajasthan ..... 8

## FROM THE EDITOR'S DESK

- A Portrait of Defection Politics ..... 9

## FROM 50 YEARS AGO ..... 9

## STRATEGIC AFFAIRS

- Trump's Desperation and Manufactured China Threat  
— *Atul Bhardwaj, Inderjeet Parmar* ..... 10

## COMMENTARY

- Our Essential Workers Need Essential Care  
— *Nikhil Srivastav, Aditi Priya, Payal Hathi* ..... 13

- COVID-19: Mental Healthcare without Social Justice? — *Roli Pandey, Shilpi Kukreja, Kumar Ravi Priya* ..... 16

- Social Distancing and Sex Workers in India  
— *Priyanka Tripathi, Chhandita Das* ..... 21

- Intellectual Property as Collateral  
— *Abhishek Kumar* ..... 24

## REVIEW ARTICLE

- Governing Islam: Law, Empire, and Secularism in Modern South Asia; Divorcing Traditions: Islamic Marriage Law and the Making of Indian Secularism*—*Secularism, the State and Muslim Personal Law*  
— *Nandagopal R Menon* ..... 28

## PERSPECTIVES

- (De)Valuing Dignity: Three Risks of Dignity Inflation in the Indian Supreme Court's Reasoning  
— *Pritam Baruah* ..... 33

## INSIGHT

- Migrant Workers and the Politics of Mental Health  
— *Sudarshan R Kottai* ..... 39

## SPECIAL ARTICLES

- The Popular Aesthetics of Social Mobility  
— *Akshaya Kumar* ..... 46  
Harvard's Trolley Problem  
— *Peter Ronald deSouza* ..... 53

## CURRENT STATISTICS ..... 61

## POSTSCRIPT

- Beats of Misogyny—*Anjana Menon* (63),  
Of Unlikely Bedfellows: Classical Performance and the Internet —*Shreya Ramnath* (64),  
Bespoke but Not Woke—*Isha Bhallamudi* (65),  
Last Lines (66)

## LETTERS ..... 4

**Crime Redefined: The State, Dissent and Democracy**

- 10 The historical underpinnings of what can be called a crime are discussed, with a reflection on the present times. — *G N Devy*

**Why Bihar's Record in Handling COVID-19 Is Dismal**

- 12 Bihar faces the greatest challenge among the states, in terms of the reverse migration due to the lockdown following the COVID-19 pandemic. — *Umesh Kumar Ray*

**Need for a Strong and Reliable Statistical System**

- 16 The Indian statistical system is reviewed, with particular emphasis on social sector statistics and some evident lacunae in data collection, synchronisation, and dissemination are discussed. — *Sumit Mazumdar*

**Intrusions and Violation of LAC in India–China Border**

- 22 The lack of a clearly defined borderline and a mutually accepted actual line of control is the major reason for continuous tension and clashes between India and China. — *Sebastian N*

**Reverse Migration of Labourers amidst COVID-19**

- 25 Migrant workers returning to native places were the hosts for urban to rural transmission, as the migrant-receiving states witnessed over a five-time increase in the number of districts significantly affected by COVID-19. — *S K Singh, Vibhuti Patel, Aditi Chaudhary & Nandlal Mishra*

**Rethinking India's Energy Policy**

- 38 The state of play in energy supply and demand is examined, and the recovery of an older tradition of attention to energy demand patterns in addition to energy supply is argued for. — *Radhika Khosla, Navroz K Dubash*

**Critiquing the Industrial Relations Code Bill, 2019**

- 45 A critical examination of the Industrial Relations Code suggests that it will fail to create a conducive and efficient industrial relations environment, neither promoting the ease of doing business nor serving workers' welfare. — *K R Shyam Sundar*

**Out-of-pocket Expenditure on Healthcare among the Urban Poor**

- 49 This study finds high out-of-pocket healthcare expenditures and resultant catastrophic health expenditure rates among the urban poor, and also points to many socio-economic inequalities. — *Atul Sharma, Ajay K Singh, L M Singh, Saroj Kumar Rana, Sabiha Mehboob, Vineeta Sharma et al*

**Attitudinal Barriers in Education**

- 56 A thematic analysis of 27 narratives of women with disabilities from Odisha identifies and distinguishes the familial and communal attitudes they face in their educational endeavours. — *Sankalpa Satapathy*

**Caste-based Differentiation in Sinhalese Society**

- 64 This paper interrogates as to how caste-based differentiation exists among the Sinhalese in Sri Lanka, despite the near absence of the economic structures that initially underpinned the caste system. — *Pradeep Peiris, Hasini Lecamwasam*

**Indian Society of 2047: What Hope Progress?**

- 72 This article assesses the central arguments made in "Envisioning the India of 2047" by Shyam Menon (*EPW*, 8 February 2020). — *Jyoti Raina*

**Postscript**

- 74 *Onaiza Drabu* on how the communication void in Kashmir became a medium to reclaim history and memorialise suffering; a poem by *Charumati Supraja*; *Mubaraka Zaveri* on the shrinking of safe spaces to dissent; and Last Lines by *Ponnappa*.

**EDITORIALS**

- In the Wilderness ..... 7  
Recurring Flood Disasters ..... 8

**FROM THE EDITOR'S DESK**

- Can Concepts Cross Disciplinary Boundaries? ..... 9

**FROM 50 YEARS AGO** ..... 9**ALTERNATIVE STANDPOINT**

- Crime Redefined: The State, Dissent and Democracy—*G N Devy* ..... 10

**COMMENTARY**

- Why Bihar's Record in Handling COVID-19 Is Dismal—*Umesh Kumar Ray* ..... 12

- Need for a Strong and Reliable Statistical System in India: Lessons from a Pandemic —*Sumit Mazumdar* ..... 16

- Indian Public Health Associations on COVID-19: The Politics of Knowledge —*Ritu Priya, Sangunitra Acharya, Rama Baru, Vikas Bajpai, Ramila Bishr, Prachinkumar Ghodajkar, Nemchiding Guite, Sunita Reddy* ..... 19

- Intrusions and Violation of LAC in India–China Border—*Sebastian N* ..... 22

- Reverse Migration of Labourers amidst COVID-19 —*S K Singh, Vibhuti Patel, Aditi Chaudhary, Nandlal Mishra* ..... 25

- Some Methodological Issues in India's SDG Index Report 2019 —*Ahmad Mohd Khalid, Seema Sharma, Amlendu Kumar Dubey* ..... 29

**REVIEW ARTICLE**

- Reading India: Selections from the Economic Weekly*—Chronicling a Newly Independent Nation—*Pulin B Nayak* ..... 32

**PERSPECTIVES**

- Rethinking India's Energy Policy: Development Challenge around Multiple Objectives —*Radhika Khosla, Navroz K Dubash* ..... 38

**INSIGHT**

- Critiquing the Industrial Relations Code Bill, 2019 —*K R Shyam Sundar* ..... 45

**SPECIAL ARTICLES**

- Out-of-pocket Expenditure on Healthcare among the Urban Poor in India—*Atul Sharma, Ajay K Singh, L M Singh, Saroj Kumar Rana, Sabiha Mehboob, Vineeta Sharma, Kaveri Haldar, Amit Bhanot, Kaniz Fatima Muneeza, Akshya Srivastava, Dinesh Agarwal, Shankar Prinja* ..... 49

- Attitudinal Barriers in Education: Experiences of Women with Disabilities in Odisha —*Sankalpa Satapathy* ..... 56

- Caste-based Differentiation in Sinhalese Society: Role of Buddhism and Democracy —*Pradeep Peiris, Hasini Lecamwasam* ..... 64

**DISCUSSION**

- Indian Society of 2047: What Hope Progress? —*Jyoti Raina* ..... 72

**POSTSCRIPT**

- Digital Activism and Cultural Resistance: Mapping the Online Kashmir —*Onaiza Drabu* (74), A Handloom Weaver's Call—*Charumati Supraja* (76), What Happens to a Revolution Deferred? —*Mubaraka Zaveri* (76), Last Lines (77)

**CURRENT STATISTICS** ..... 111**LETTERS** ..... 4

**RBI Moves to Shake Up Governance at Banks**

- 10 The RBI's discussion paper on Governance in Commercial Banks in India is refreshing in that it takes an approach to governance that is ownership-neutral.  
— *T T Ram Mohan*

**Clarifying the Rights of Daughters as Coparceners**

- 12 The Supreme Court has secured for Hindu women the right to be coparceners with retrospective effect from 1956, but has based its decision on a conservative interpretation. — *Alok Prasanna Kumar*

**Long on Rhetoric and Short on Substance**

- 14 The approval of the National Education Policy, 2020 raises concerns around the question of provisioning for good quality universal education, equitable access to education, and the increasing push towards privatisation.  
— *Praveen Jha, Pooja Parvati*

**A Donkey's Wisdom**

- 17 Krishan Chander's 1964 novel *Ek Gadha Nefa Mein* (A Donkey in NEFA), based on the 1962 China-India border conflict, offers a way of denouncing the destruction of war without leaving unquestioned the inherently violent task of drawing and defending national borders. — *Adhira Mangalagiri*

**The 'Memory' of a Historian**

- 20 A scholar extraordinaire in the fields of Russian and European history, Hari Shankar Vasudevan's untimely demise on account of COVID-19 has meant a great loss to the world of humanities and social sciences. — *Animesh Gupta*

**Spectacle as a Response: The COVID-19 Pandemic**

- 28 The way the COVID-19 pandemic is being understood and addressed makes it a spectacle in the Debordian sense, in which all the social relations are mediated through images and appearances. — *Farhana Latief, Reyazul Haque*

**Extending Design Thinking to Public Policy**

- 34 The study highlights both the potential applicability of the design-thinking approach to policymaking and specifies an application that can supplement the extant fiscal rule and potentially enhance fiscal management.  
— *R K Pattnaik, Ranjan Banerjee*

**Anthropological Archives: Dalit Religion Redux**

- 42 This paper revisits earlier ethnographic writing and assumption as an "archive" in order to reconsider Dalit "religions." — *Saurabh Dube*

**Landlessness and Agrarian Inequality without Landlordism**

- 49 An analysis of the agrarian structure in terms of caste and class, based on field data collected from 13 Bhojpuri-speaking villages in Bihar, reveals that villages exhibit a high level of landlessness and agrarian inequality but without landlordism. — *Gaurang R Sahay*

**Labour Market Changes in India, 2005-18**

- 57 Unemployment among the young increased sharply as the gap between labour absorption and labour supply widened in India during 2012-18.  
— *Jayan Jose Thomas*

**EDITORIALS**

- Kashmir after Article 370.....7  
On the Conundrum of Inequality .....8

**FROM THE EDITOR'S DESK**

- The Idea of the Sacred Place ..... 9

**FROM 50 YEARS AGO**

- ..... 9

**HT PAREKH FINANCE COLUMN**

- RBI Moves to Shake Up Governance at Banks  
— *T T Ram Mohan*.....10

**LAW & SOCIETY**

- Clarifying the Rights of Daughters as Coparceners  
— *Alok Prasanna Kumar*.....12

**COMMENTARY**

- National Education Policy, 2020: Long on Rhetoric and Short on Substance  
— *Praveen Jha, Pooja Parvati* .....14

- A Donkey's Wisdom: Can Literature Help Us Respond to the China-India Border Clash?  
— *Adhira Mangalagiri*.....17

- The 'Memory' of a Historian: Hari Shankar Vasudevan (1952-2020)  
— *Animesh Gupta* .....20

**REVIEW ARTICLE**

- The Aadhaar Effect: Why the World's Largest Identity Project Matters; Dissent on Aadhaar; Big Data Meets Big Brother; We Are Data: Algorithms and the Making of Our Digital Selves— Alarmingly Simplified Data Gathering*  
— *Vickram Krishna*.....23

**PERSPECTIVES**

- Spectacle as a Response: The COVID-19 Pandemic  
— *Farhana Latief, Reyazul Haque*.....28

**SPECIAL ARTICLES**

- Extending Design Thinking to Public Policy: A Prototype for Fiscal Rule  
— *R K Pattnaik, Ranjan Banerjee*.....34

- Anthropological Archives: Dalit Religion Redux  
— *Saurabh Dube*.....42

- Landlessness and Agrarian Inequality without Landlordism: Caste, Class and Agrarian Structure in Bihar  
— *Gaurang R Sahay*.....49

**NOTES**

- Labour Market Changes in India, 2005-18: Missing the Demographic Window of Opportunity?  
— *Jayan Jose Thomas* .....57

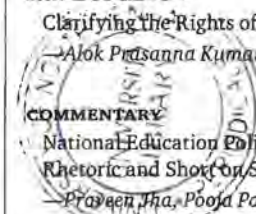
**CURRENT STATISTICS**

- ..... 64

**LETTERS**

- ..... 4

12 OCT 2020



**Why India Did Not Go to War with China**

- 10 The explanation for India's strategic reticence concerning the intrusions in Ladakh lies at the political level. — *Ali Ahmed*

**Higher Disease Burden in India's Elderly**

- 13 The disease burden among the elderly population is significantly higher compared to the younger population, according to the data from the 75th round of the National Sample Survey, 2017–18, which increases their vulnerability during the COVID-19 pandemic. — *Alok Ranjan, Muraleedharan V R*

**COVID-19 and Women Informal Sector Workers in India**

- 17 The precarious nature of employment of women informal workers is examined using data from the Periodic Labour Force Survey (2018–19), and their gendered experiences during the lockdown period are captured using data from rapid assessment studies. — *Shiney Chakraborty*

**Atmanirbhar Bharat Abhiyan and Agriculture**

- 21 In this short note, two proposals specific to agriculture announced as part of Atmanirbhar Bharat Abhiyan and the subsequent ordinances are critically examined. — *Gopi Sankar G, Gopal Naik*

**Pioneering Psephologist and Scholar Extraordinaire**

- 26 Ramashray Roy (1927–2020) was an eminent political scientist, well-remembered for his studies on parliamentary elections and Mithila culture. — *Ajit Kumar Jha*

**A Passionate Teacher and Activist: Iliina Sen (1951–2020)**

- 27 Iliina Sen, teacher, author and activist, has left behind a rich legacy of work and warmth that will continue to inspire women's and human rights activists and students. — *Gabriele Dietrich*

**Beginning of a New Mugabean Regime**

- 34 The prime movers of the new regime argued that Robert Mugabe's exit would guarantee economic recovery and restoration of democratic norms in the country, but the new government is a populist paradox. — *Aswathi A Nair*

**Private Healthcare Sector and Caesarean Sections in India**

- 39 An analysis of the latest round of the National Family Health Survey data reveals that the probability of an unplanned c-section is 13.5–14 percentage points higher in the private sector. — *Mitul Surana, Ambrish Dongre*

**Birth Pangs: Universal Maternity Entitlements in India**

- 48 In June 2018, a small survey of the Pradhan Mantri Matru Vandana Yojana in two blocks of Jharkhand examined the status of the scheme and the problems faced by women at the time of pregnancy and delivery. — *Aarushi Kalra, Aditi Priya*

**The Curious Case of PAN–Aadhaar Linkage**

- 54 Whether Aadhaar linkage to PAN truly identifies those holding financial instruments and undertaking financial transactions and ends black money and money laundering as the government claims are explored. — *Anupam Saraph, Sanjana Krishnan*

**Postscript**

- 71 *Arundhatie B Kundal* on baking and breaking bread during the lockdown; *Suyash Saxena* on reminiscing and the creation of memories; *Santosh Kumar* on how Jyoti Kumari's cycling feat is viewed as "matter out of place;" and Last Lines by *Ponnappa*.

**EDITORIALS**

- Women's Right to Property Ownership ..... 7  
Tragedy on Trial ..... 8

**FROM THE EDITOR'S DESK**

- Do Rights Have Limits? ..... 9

**FROM 50 YEARS AGO**

- ..... 9

**STRATEGIC AFFAIRS**

- Why India Did Not Go to War with China  
— *Ali Ahmed* ..... 10

**COMMENTARY**

- Higher Disease Burden in India's Elderly  
— *Alok Ranjan, Muraleedharan V R* ..... 13  
COVID-19 and Women Informal Sector  
Workers in India—*Shiney Chakraborty* ..... 17  
Atmanirbhar Bharat Abhiyan and Agriculture  
— *Gopi Sankar G, Gopal Naik* ..... 21  
Pioneering Psephologist and Scholar  
Extraordinaire—*Ajit Kumar Jha* ..... 26  
A Passionate Teacher and Activist:  
Iliina Sen (1951–2020)  
— *Gabriele Dietrich* ..... 27

**BOOK REVIEWS**

- India's Founding Moment: The Constitution of  
a Most Surprising Democracy*—Decoding the  
Grammar of Constitutionalism  
— *Suhas Palshikar* ..... 29  
*Sebastian & Sons: A Brief History of Mridangam  
Makers*—The Making of the Mridangam  
— *Sundar Sarukkai* ..... 31

**PERSPECTIVES**

- End of Mugabe's Regime and the Beginning of a  
New Mugabean Regime  
— *Aswathi A Nair* ..... 34

**SPECIAL ARTICLES**

- Too Much Care: Private Healthcare Sector and  
Caesarean Sections in India  
— *Mitul Surana, Ambrish Dongre* ..... 39  
Birth Pangs: Universal Maternity Entitlements  
in India—*Aarushi Kalra, Aditi Priya* ..... 48  
The Curious Case of PAN–Aadhaar Linkage  
— *Anupam Saraph, Sanjana Krishnan* ..... 54

**DOCUMENT**

- India's Envoy to China 1961–63:  
P K Banerjee's China Days  
— *Kishan S Rana* ..... 63

**CURRENT STATISTICS** ..... 69**POSTSCRIPT**

- Breaking Bread: Baking and Exhibitionism amidst  
the Great Lockdown—*Arundhatie B Kundal* (71),  
Reflections and Reminiscences  
— *Suyash Saxena* (72),  
Limelight in Dark Times: Jyoti Kumari's  
'Cyclothron'—*Santosh Kumar* (73), Last Lines (74)

**LETTERS** ..... 4

12 OCT 2020



**Time for a Massive Fiscal Stimulus**

7 Only bold interventions by the government can ensure a quick recovery of the economy.

**Crisis of the Congress**

8 Respect for the party workers' efforts is the pre-eminent condition to realise inner-party democracy.

**Real versus Fictitious**

10 The COVID-19 pandemic is stretching the contradictions of the present economic arrangements to the limits, making change inevitable.  
— *KN Harilal*

**Spatial Effects of COVID-19 Transmission in Mumbai**

15 The significant spatial spillover effect of the pandemic across the wards of the city is likely to make the exit from the enforced lockdown a major challenge.  
— *Ajit Karnik*

**COVID-19 and Population Density**

21 The article explores various methodologies of estimating the relation between population density and COVID-19 cases to suggest that deaths per million may not be a sound indicator as a guide to public policy.  
— *Anjum Altaf*

**Digital Divide in Online Education**

23 Massive online education without addressing the huge access gap and disparities in digital infrastructure would be exclusionary and exacerbate existing socio-economic disparities. — *Bheemeshwar Reddy A, Sunny Jose & R Vaidehi*

**Influence of Virulent Nationalism on Proletarian Internationalism**

33 This article aims to study the global trade-union initiatives and their efforts besides understanding the journey of global union federations in wading through the forked challenges posed by globalisation and nationalism.  
— *Santanu Sarkar*

**Public Good Perspective of Public Health**

40 India's response to the COVID-19 pandemic is linked to its abandonment of the welfare state, marginalisation of the public good principle and collapse and fragmentation of the public health system. — *Sourindra Mohan Ghosh, Imrana Qadeer*

**Gandhi and Saintliness**

49 An integrated reading of Gandhi's ideas, images, personal life, and political activities, at times, inflicts considerable damage to the understanding of his thoughts. — *Samiksha Goyal, Nirmalangshu Mukherji*

**Costs and Finances of the Prime Minister's Jan Arogya Yojana**

56 The Pradhan Mantri Jan Arogya Yojana has been touted as an important tool to achieve universal health coverage, but there is still no clarity regarding the financial implications of this scheme. — *Indrani Gupta, Samik Chowdhury, Abhijit Roy & Ramandeep*



**EDITORIALS**

Time for a Massive Fiscal Stimulus .....7  
Crisis of the Congress.....8

**FROM THE EDITOR'S DESK**

Is Truth-telling Self-defeating? ..... 9

**FROM 50 YEARS AGO** .....9

**COMMENTARY**

Real versus Fictitious: **12 OCT 2020**  
The Pandemic Closing In on the World of Finance  
—*KN Harilal* .....10

Spatial Effects of COVID-19 Transmission  
in Mumbai  
—*Ajit Karnik* ..... 15

COVID-19 and Population Density:  
A Methodological Note  
—*Anjum Altaf* ..... 21

Of Access and Inclusivity:  
Digital Divide in Online Education  
—*Bheemeshwar Reddy A, Sunny Jose,  
R Vaidehi* .....23

**BOOK REVIEWS**

*Whither Rural India? Political Economy of  
Agrarian Transformation in Contemporary India:  
A Festschrift for Venkatesh Athreya—An Alternate  
Narrative of Agrarian Transformation in India*  
— *Aparajita Bakshi* .....27

*Empire and Ecology in the Bengal Delta:  
The Making of Calcutta—Revisiting the  
Bengal Delta*  
— *Rita Mukherjee*..... 30

**PERSPECTIVES**

Influence of Virulent Nationalism on  
Proletarian Internationalism  
—*Santanu Sarkar* ..... 33

**SPECIAL ARTICLES**

Public Good Perspective of Public Health:  
Evaluating Health Systems Response to COVID-19  
—*Sourindra Mohan Ghosh,  
Imrana Qadeer* ..... 40

Gandhi and Saintliness  
—*Samiksha Goyal,  
Nirmalangshu Mukherji* .....49

Ayushman Bharat: Costs and Finances of the  
Prime Minister's Jan Arogya Yojana  
—*Indrani Gupta, Samik Chowdhury,  
Abhijit Roy, Ramandeep*.....56

**CURRENT STATISTICS**.....65

**LETTERS** .....4

**A Faulty Response to the COVID-19-induced Crisis**

10 The neo-liberal embrace of monetary measures that infuse cheap liquidity as a substitute for fiscal activism has not resulted in faster credit growth.  
— *C P Chandrasekhar*

**COVID-19 Mortality Trends and Reporting**

13 The differences between the numbers in India and Italy early in the COVID-19 pandemic are readily explained by the time and frequency of virus importations and the two countries' age profiles. — *T Jacob John, M S Seshadri*

**The Domicile Law of Jammu and Kashmir**

18 The policy has evoked the fear of demographic change, loss of economic and cultural rights, and has engineered profound changes in the political structure of the region. — *Muhammad Mutahhar Amin*

**Maharashtra's Semi-English Government-aided Schools**

22 The semi-English schools in Maharashtra that are aided by the government have much to teach the other states in terms of ease of English learning.  
— *Arvind Sardana*

**Emerging Governmentality and Biopolitics of COVID-19**

26 The biopolitics of the COVID-19 pandemic is discussed amidst disciplining and quarantining measures associated with the governments' extraordinary powers during unprecedented times. — *Abraham Samuel, Gorky Chakraborty & K J Joy*

**Narrow Interests or Common Principles?**

29 An examination of the implications of the United States presidential elections for India and the positions of the candidates in the fray. — *Satyendra Ranjan*

**Impact of Natural Background Radiation on Health**

39 Some studies claim that the existence of high natural background radiation in coastal regions of Kerala and Tamil Nadu has no impact on the health of the population, while others disagree. — *T S Krishnan, Annapureddy Rama Papi Reddy & M V Ramana*

**Financing the Right to Education**

44 An assessment of the resource gaps for fulfilling the right to education across Indian states reveals the large gap between normative requirement and actual expenditure. — *Sukanya Bose, Priyanta Ghosh & Arvind Sardana*

**Invest More in Public Healthcare Facilities**

53 Data from National Sample Surveys (71st and 75th rounds) show that there is a significant increase in the utilisation of public facilities and, as a result, a dramatic fall in the overall financial burden on patients.  
— *V R Muraleedharan, Girija Vaidyanathan, Sundararaman T, Umakant Dash, Alok Ranjan & Rajesh M*

**Estimates of Health Insurance Coverage in India**

61 The coverage of health insurance in India is low and not uniform across the states and union territories, despite the fact that several public-funded schemes focus on the below poverty line population. — *Binod Bihari Jena, Manoj Kumar Roul*

**Postscript**

71 *Aparna Vyas* on how the market has transformed essential goods into status symbols; *Meghaa* reflects on her experiences as the author of a children's picture book; *Rahulnath* on shaking off the colonial gaze in photography; and Last Lines by *Ponnappa*.

**EDITORIAL**

Action on Prison Data ..... 7

**COMMENT**

Limited Imagination on Reservation ..... 8

**FROM THE EDITOR'S DESK**

An Idea of a Prison ..... 9

**FROM 50 YEARS AGO** .....

9

**HT PAREKH FINANCE COLUMN**

A Faulty Response to the COVID-19-induced Crisis—*C P Chandrasekhar* ..... 10

**COMMENTARY**

COVID-19 Mortality Trends and Reporting: Comparing India and Italy  
—*T Jacob John, M S Seshadri* ..... 13

The Domicile Law of Jammu and Kashmir: Fears of Demographic Change  
—*Muhammad Mutahhar Amin* ..... 18

Learning from Maharashtra's Semi-English Government-aided Schools  
—*Arvind Sardana* ..... 22

Emerging Governmentality and Biopolitics of COVID-19 in India—*Abraham Samuel, Gorky Chakraborty, K J Joy* ..... 26

US Elections and India: Narrow Interests or Common Principles? —*Satyendra Ranjan* ..... 29

**BOOK REVIEWS**

*A Short History of Indian Railways*—Not Going beyond the Orientalist History of Indian Railways  
—*Vineet Abhishek* ..... 32

*The Paradox of Rural Development in India: The Devapur Experience*—Not by Prosperity Alone: Lessons from the Devapur Project  
—*Satish B Agnihotri* ..... 36

**INSIGHT**

Impact of Natural Background Radiation on Health: Understanding the Debate—*T S Krishnan, Annapureddy Rama Papi Reddy, M V Ramana* ..... 39

**SPECIAL ARTICLES**

Financing the Right to Education: Role of Fifteenth Finance Commission—*Sukanya Bose, Priyanta Ghosh, Arvind Sardana* ..... 44

Invest More in Public Healthcare Facilities: What Do NSSO 71st and 75th Rounds Say?  
—*V R Muraleedharan, Girija Vaidyanathan, Sundararaman T, Umakant Dash, Alok Ranjan, Rajesh M* ..... 53

**NOTES**

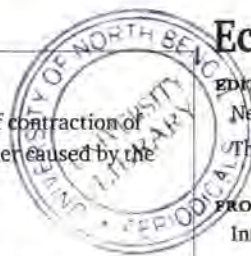
Estimates of Health Insurance Coverage in India: Expectations and Reality  
—*Binod Bihari Jena, Manoj Kumar Roul* ..... 61

**CURRENT STATISTICS** ..... 68

**POSTSCRIPT**

The Social Status of Safety—*Aparna Vyas* (71), Tales from a First-time Picture Book Author —*Meghaa* (72), The Borrowed Gaze in Street Photography —*Rahulnath* (73), Last Lines (74)

**LETTERS** ..... 4



**Macroeconomics of a Lockdown**

10 A distinction must be drawn between two different kinds of contraction of the economy, one caused by the lockdown itself and the other caused by the auto-deflation of demand. — *Prabhat Patnaik*

**Appointment of Judges to the Higher Judiciary**

12 The performance of the Supreme Court collegium during the pandemic is examined in this column by comparing it with available data for past years. — *Alok Prasanna Kumar*

**Universal Immunisation Coverage in India**

15 The role of two policy pillars in achieving immunisation coverage is examined by assessing the central funds disbursed to the state governments under the Universal Immunisation Programme and the available physical health infrastructure in the states. — *Dweepobotee Brahma, Debasri Mukherjee*

**Thinking of Gandhi Today**

20 Learning to think without being hindered by fear or temptation will, among other things, help those who want to emulate M K Gandhi deal with the gravest challenge that they face. — *Sudhir Chandra*

**Why It Makes Sense to Leave and Stay Gone**

23 Three different policies are outlined whose combination could have, and can still, reduce, if not entirely stop, the mass exodus of informal sector workers from Mumbai due to COVID-19. — *Neeraj Hatekar, Pallavi Belhekar*

**Police Violence on Dispossessed Dalits in Kashipur**

26 What remains behind the repetition of brazen violence is the continuous and calibrated deployment of different techniques of power that involve the recycling of violence in various forms. — *Minati Dash*

**The Curious Case of the Congress Party**

35 The extraordinary nature of the crisis faced by the Congress means that the revival of the party is necessarily predicated upon its renewal. — *Suhas Palshikar*

**Secular, Secularism and Non-translations**

40 This paper traces the conceptual-linguistic journey of the term “secular” in India and shows how its entry into any discussion was accompanied by questions of ambivalence about equivalence. — *Rita Kothari*

**Anti-caste Aesthetics and Dalit Interventions**

47 The paper attempts to evaluate and argue for an enabling anti-caste aesthetics articulated through an embodied sensibility in films, producing affective, expressive archives. — *Manju Edachira*

**Value Relevance, Earnings Management, Corporate Governance**

54 A comprehensive examination provides empirical evidence that earnings management affects the value relevance of accounting information and that good governance can reduce the practice among Indian firms. — *Ameet Kumar Banerjee, Pitabas Mohanty*

**Reimagining the Idea of a University in India**

61 A response to the editor’s column, “University as an Idea” by Gopal Guru (*EPW*, 11 January 2020) and Swatahsiddha Sarkar’s article, “The Idea of a University in India” (*EPW*, 4 April 2020). — *Venkataraman Ganesh*

**EDITORIALS**

Need for Autonomous Foreign Policy on China ..... 7  
The Impasse over GST Compensation..... 8

**FROM THE EDITOR’S DESK**

Intersectionality and Justice..... 9

**FROM 50 YEARS AGO** ..... 9

**ALTERNATIVE STANDPOINT**

Macroeconomics of a Lockdown  
— *Prabhat Patnaik* ..... 10

**LAW & SOCIETY**

Appointment of Judges to the Higher Judiciary during the Pandemic – I  
— *Alok Prasanna Kumar* ..... 12

**COMMENTARY**

Policy Complementarities in Achieving Universal Immunisation Coverage in India  
— *Dweepobotee Brahma, Debasri Mukherjee* ..... 15

Thinking of Gandhi Today  
— *Sudhir Chandra* ..... 20

Why It Makes Sense to Leave and Stay Gone: Understanding the Mass Exodus from Mumbai  
— *Neeraj Hatekar, Pallavi Belhekar* ..... 23

Unearthing Conflict: Police Violence on Dispossessed Dalits in Kashipur  
— *Minati Dash* ..... 26

**BOOK REVIEWS**

*Public Policy: A View from the South—Reimagining Public Policy Studies in India*  
— *Awanish Kumar* ..... 30

*Cricket Country: The Untold History of the First All India Team—Much More Than a Sport: Beginnings of Cricket in India*  
— *Dinyar Patel* ..... 33

**PERSPECTIVES**

The Curious Case of the Congress Party  
— *Suhas Palshikar* ..... 35

**SPECIAL ARTICLES**

Secular, Secularism and Non-translations  
— *Rita Kothari* ..... 40

Anti-caste Aesthetics and Dalit Interventions in Indian Cinema  
— *Manju Edachira* ..... 47

Value Relevance, Earnings Management, and Corporate Governance in India  
— *Ameet Kumar Banerjee, Pitabas Mohanty* ..... 54

**DISCUSSION**

Reimagining the Idea of a University in India  
— *Venkataraman Ganesh* ..... 61

**CURRENT STATISTICS** ..... 129

**LETTERS** ..... 4

**Hydrocracies, Hubris, Hazardscapes**

10 The effects of infrastructural projects in Assam that play a prominent role in "engineering" floods in the Brahmaputra river are discussed.  
— *Mirza Zulfiqur Rahman*

**China-bashing and Post-COVID-19 Narrative**

14 The disruption of supply chains caused by COVID-19 has led to predictions that international firms will relocate production away from China, but such changes will neither be quick nor painless. — *Biju Paul Abraham, Biswajit Nag & Partha Ray*

**Waiting for the Eureka Moment**

18 Even as health systems are close to breaking down and economies are failing due to COVID-19, most governments are failing to provide appropriate social security and relief. — *Ravi Duggal*

**(De)politicising the 'Private' in Bengal**

20 The article discusses if and how households are compelled to state their traditional identities, allow encroachment on their existence, and evaluate the formation of emerging (pseudo) safe spaces after it sheds the fetters of politics. — *Amrita DasGupta*

**Handloom Weavers and Lockdown in Sualkuchi**

23 After demonetisation in 2016, and imposition of the goods and services tax in the subsequent year, the COVID-19 lockdown has turned out to be a final nail in the coffin for the handloom sector in Assam. — *Anamika Das, Rajib Sutradhar*

**Disability during COVID-19**

30 COVID-19 and the resultant lockdowns have severely curtailed the mobility of persons with disabilities and restricted their ability to seek basic necessities, healthcare, and assistance. — *Srei Chanda, T V Sekher*

**Macroeconomic Consequences of a Lockdown**

34 The resource position and slump in demand due to the lockdown can be reversed only by discarding the usual macroeconomic framework and implementing out-of-the-box solutions. — *Arun Kumar*

**Neo-liberal Reforms in Higher Education**

41 The COVID-19 pandemic and resultant changes in the education system are being used to increase acceptability of the reforms that aim at making society receptive to the principles of free market. — *Debashis Biswas*

**Impact of MGNREGA on Consumption Expenditure**

49 This study attempts to quantify the impact of the MGNREGA on the level and pattern of consumption expenditure of rural households at the national level using a difference-in-differences method. — *P Mahendra Varman, Neeraj Kumar*

**Assam and the NRC: A Political Reading**

55 A response to Deepankar Basu and Debarshi Das's article, "Assam's Politics and the NRC" (*EPW*, 1 February 2020), which had responded to the author's article, "Assam's 2019 Verdict and the Anti-CAB Mobilisations" (*EPW*, 28 December 2019). — *Akhil Ranjan Dutta*

**Postscript**

62 *Rohitha Naraharisetty* on Rhea Chakraborty's demonisation on the news and on social media; *Rashmi Sawhney* on how life imitates dystopic art this year; *Tapas Mitra* on how reading can change lives and bring us unfathomable hours of happiness; and *Ponnappa's* Last Lines.

**EDITORIALS**

Bills of Contention .....7  
Symbiotic Federalism .....8

**FROM THE EDITOR'S DESK**

Does Critique Create Illusion? ..... 9

**FROM 50 YEARS AGO** .....9

**COMMENTARY**

Infrastructuring Floods in the Brahmaputra River Basin: Hydrocracies, Hubris, Hazardscapes — *Mirza Zulfiqur Rahman* .....10

China-bashing and Post-COVID-19 Narrative: A Reality Check—*Biju Paul Abraham, Biswajit Nag, Partha Ray* ..... 14

COVID-19 Progression: Waiting for the Eureka Moment — *Ravi Duggal* ..... 18

The Pandemic, a Cyclone: (De)politicising the 'Private' in Bengal — *Amrita DasGupta* .....20

Handloom Weavers and Lockdown in Sualkuchi Cluster of Assam — *Anamika Das, Rajib Sutradhar* .....23

BOOK REVIEWS

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

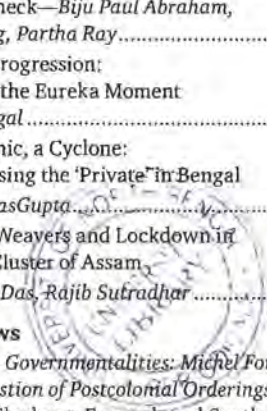
*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

*The Struggle for Equality: India's Muslims and Rethinking the UPA Experience—Muslim Minorities and UPA Regime: Useful Insights and Inadequate Explanation* — *Maidul Islam* .....28

*South Asian Governmentalities: Michel Foucault and the Question of Postcolonial Orderings—To Flog an Elephant: Foucault and South Asia* — *Khaliq Parkar* .....26

12 OCT 2020



**New Labour Codes and Their Loopholes**

- 7 Every successive reform in labour laws fails to plug the loopholes.

**Imposing New Inequities**

- 8 Without an appropriate regulatory mechanism, deregulation is detrimental to farmers' interests.

**Privatisation and the Voluntary Retirement Scheme**

- 11 The voluntary retirement scheme of public sector enterprises, most recently implemented in BSNL, is one of the instruments through which labour flexibility is ushered in public sector enterprises, which often end in privatisation. — *Vinoj Abraham, Ritika Jain*

**Odisha's Management of the COVID-19 Pandemic**

- 15 Odisha, in spite of a poor public health system, did well in managing the pandemic in the initial month, adopting a proactive, as against reactive, course. — *Nandini Garikipati*

**The Story of a Peasant Struggle in Jiwandesar, Rajasthan**

- 19 Farmers of Jiwandesar, a village in Rajasthan, have waged a struggle for the past two and a half decades for getting irrigation water from Gang canal. — *Akhil Alha*

**Gentle Giant of Labour Economics**

- 23 Lalit Deshpande's (1933–2020) tremendous work on labour economics, unemployment and migration was strongly influenced by his liberal principles. — *Dilip Nachane*

**The Supreme Court: Then and Now**

- 31 There is a tendency to view the threat to judicial independence in India as emerging from the executive branch, and occasionally the legislature. — *Justice A P Shah*

**Dalit Feminist Voices on Reproductive Rights**

- 38 This paper attempts to explore the significance of caste by drawing on in-depth interviews with Dalit feminists who challenge dominant understandings of surrogacy in debates on reproductive technologies. — *Johanna Gondouin, Suruchi Thapar-Bjorkert & Mohan Rao*

**Transition Theory and India's Groundwater Management Systems**

- 46 A critical look at the work of some non-governmental organisations and a case study of Bengaluru through the lens of transition theory help shed light on community-driven, participatory groundwater management approaches. — *Gogol Datta*

**Measuring Access to Higher Education**

- 54 A response to "Measuring Access, Quality and Relevance in Higher Education" by Pankaj Mittal et al (*EPW*, 13 June 2020) — *Malish C M*

**EDITORIALS**

- New Labour Codes and Their Loopholes.....7  
Imposing New Inequities.....8

**FROM THE EDITOR'S DESK**

- Living beyond Disagreements.....9

**FROM 50 YEARS AGO****COMMENTARY**

- Privatisation and the Voluntary Retirement Scheme: The Case of BSNL  
— *Vinoj Abraham, Ritika Jain*.....11

- Public Health Lessons: Odisha's Management of the COVID-19 Pandemic  
— *Nandini Garikipati*.....15

- The Story of a Peasant Struggle in Jiwandesar, Rajasthan: Origin, Evolution and the Current Status  
— *Akhil Alha*.....19

- Gentle Giant of Labour Economics:  
Lalit Deshpande (1933–2020)  
— *Dilip Nachane*.....23

**BOOK REVIEWS**

- Indian Muslim(s) after Liberalization*—Identity and Status of the Indian Muslim  
— *Abusaleh Shariff*.....26

- A Population History of India: From the First Modern People to the Present Day*—The Return of Historical Demography  
— *Chinmay Tumbe*.....28

- Understanding Human Ecology: Knowledge, Ethics and Politics*—A Multidimensional Approach to Human Ecology  
— *Sujata Sriram, Anahita Bhandari*.....29

**PERSPECTIVES**

- The Supreme Court: Then and Now  
— *Justice A P Shah*.....31

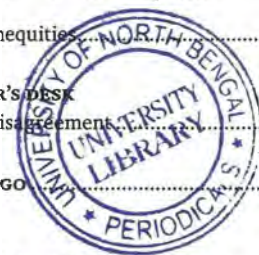
**SPECIAL ARTICLES**

- Dalit Feminist Voices on Reproductive Rights and Reproductive Justice  
— *Johanna Gondouin, Suruchi Thapar-Bjorkert, Mohan Rao*.....38

- Transition Theory and India's Groundwater Management Systems: A Case Study of Bengaluru  
— *Gogol Datta*.....46

**DISCUSSION**

- Measuring Access to Higher Education: Indicators and Indications  
— *Malish C M*.....54

**CURRENT STATISTICS**.....57**LETTERS**.....4

**Is Policing a Moral Question?**

- 7 The actions of the police in the Hathras gang rape case show a disturbing lack of sensitivity.

**Nagging Annals of the Babri Verdict**

- 8 Institutional failure that led to the verdict suggests spontaneity as the sure route to escape from conviction.

**India's First Per Curiam: The Ayodhya Verdict**

- 10 A per curiam opinion seeks to project the court as a resolute bloc in unanimous verdicts; as such, the Supreme Court's choice of anonymity in the Ayodhya decision is examined. — *Sumedha Ray Sarkar*

**Deepening Agrobusiness Capitalism and Centralisation**

- 14 Agricultural market reforms recently enacted by the National Democratic Alliance government reflect the Bharatiya Janata Party's determination to push its agenda of centralisation of economic power and decision-making. — *Pritam Singh*

**Disastrous Decade for Data: The Way Forward**

- 18 Questions on credibility of official data and the pandemic-induced problems have come at a time when technology offers solutions to data collection, processing and dissemination. — *Arjun Kumar, P C Mohanan & Amitabh Kundu*

**Lessons from #MeToo: Where Are We Now?**

- 21 With #MeToo having taken the world by storm in the last few years, reflecting on debates in the Indian context reveals some important lessons. — *Rohitha Naraharisetty*

**Academic Administration and Academic Freedom**

- 25 The recent penal measures taken against some faculty members of the Kerala Agricultural University are analysed against the backdrop of the misappropriation of autonomy of academic institutions to curtail the autonomy of individual academics. — *Priyadarsanan Dharma Rajan*

**Inclusivity in School Education and the Budget**

- 34 This article examines state budgeting for education of children with disabilities by analysing existing interventions, both by union and state governments, through a detailed analysis of school education budgets for six states. — *Protiva Kundu*

**Electricity (Amendment) Bill, 2020: Inviting a Bigger Crisis**

- 40 The proposed Electricity (Amendment) Bill, 2020 is not only anti-people, but also fails to address the long-term crises in the sector and will only accelerate its deterioration. — *Tejal Kanitkar, Sudha Mahalingam & R Srikanth*

**Tribal Rights and Heritage Conservation in the Western Ghats**

- 46 In the context of Karnataka, the implementation of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 shows how the concerns of tribals and indigenous people are often marginalised in the debates around conservation. — *Madhusudan Bandi*

**Postscript**

- 55 *Mrinmoy Pramanick* on the silence around the diverse experiences of partition, and notions of home and nation; *Neha Sinha* on balcony birders during the lockdown and strengthening citizen science; *Ravishankar V Kommu* on S P Balasubrahmanyam's influence on the Telugu people; and Last Lines by *Ponnappa*.

**EDITORIALS**

- Is Policing a Moral Question?.....7  
Nagging Annals of the Babri Verdict.....8

**FROM THE EDITOR'S DESK**

- The Two Faces of Injustice ..... 9

**FROM 50 YEARS AGO ..... 9****COMMENTARY**

- India's First Per Curiam: The Ayodhya Verdict  
—*Sumedha Ray Sarkar* ..... 10  
BJP's Farming Policies: Deepening Agrobusiness  
Capitalism and Centralisation  
—*Pritam Singh* .....14  
Disastrous Decade for Data: The Way Forward  
—*Arjun Kumar, P C Mohanan,  
Amitabh Kundu* .....18  
Lessons from #MeToo: Where Are We Now?  
—*Rohitha Naraharisetty* .....21

- Academic Administration and Academic  
Freedom: The Case of Kerala Agricultural  
University  
—*Priyadarsanan Dharma Rajan* ..... 25

**BOOK REVIEWS**

- Ordinary People, Extraordinary Teachers:  
The Heroes of Real India*—Government School  
Teachers in India: Countering a Post-Negative  
Image—*Vimala Ramachandran* ..... 23  
*Freedom, Civility, Commerce: Contemporary  
Media and the Public*—Free Speech and Media  
Freedom in Corporate India  
—*Arani Basu* .....31

**PERSPECTIVES**

- Inclusivity in School Education and the Budget:  
Case of Children with Disabilities  
—*Protiva Kundu* ..... 34

**SPECIAL ARTICLES**

- Electricity (Amendment) Bill, 2020:  
Inviting a Bigger Crisis  
—*Tejal Kanitkar, Sudha Mahalingam,  
R Srikanth* ..... 40  
Tribal Rights and Heritage Conservation in  
the Western Ghats of Karnataka  
—*Madhusudan Bandi* ..... 46

**CURRENT STATISTICS.....52****POSTSCRIPT**

- Partition, Migration, and Silence  
—*Mrinmoy Pramanick* (55),  
Balcony Birding and the Lockdown  
—*Neha Sinha* (56),  
S P Balasubrahmanyam: The Last Tree in a  
Wasteland?—*Ravishankar V Kommu* (57)  
Last Lines (58)

**LETTERS ..... 4**

**Ethos of Justice and Its Adversaries**

- 7 Rape atrocities tragically suggest that justice is in dire need of egalitarian commitment by every citizen.

**Bihar Assembly Elections, 2020**

- 8 Caste complacency of the ruling combination necessarily deflects attention from critical self-evaluation.

**Newly Formed Empowered 'Technology Group' and COVID-19**

- 10 The role of the empowered "Technology Group" with respect to building and promoting health technologies is discussed. — *Sunil Mani, Janak Nabar*

**Tax on Agricultural Income: Holy Cow of the Indian Economy**

- 12 A 2019 CAG report has brought out glaring irregularities in the exemptions given to agricultural income for income tax purposes.  
— *Govind Bhattacharjee*

**Post-COVID-19 Challenges in the Indian IT Industry**

- 17 The COVID-19 pandemic as a paradigm shift has created significant barriers for IT firms to maintain cognitive proximity with their clients and could adversely impact their global competitiveness.  
— *Rohan Chinchwadkar, Vinish Kathuria*

**In Search of Optimal Inflation: Evidence from CPI Data**

- 21 The impact of inflation on dispersion of relative prices is examined in a cointegration framework using a data set of all seven components of the consumer price index from India. — *Sartaj Rasool Rather*

**The COVID-19 Pandemic and the Crisis of the Social Sciences**

- 29 This article raises wider questions like whether the social sciences have been able to provide any meaning to the COVID-19 crisis by exploring the life worlds of body, time and nature. — *Shiv Visvanathan*

**Dalit Journals in Colonial Madras (1869–1943)**

- 34 This article attempts to construct a history of Dalit journals in colonial Madras by analysing the sociopolitical contexts and the content of 42 journals published from 1869 to 1943. — *J Balasubramaniam*

**Life to Indian Languages**

- 40 This paper presents a linguist's response to the main themes that run through Javed Majeed's (2019) comprehensive and thought-provoking two-volume study of the *Linguistic Survey of India* and its editor, George A Grierson.  
— *Ayesha Kidwai*

**India's Rural Organised Manufacturing Industries**

- 49 Given the robust performance of India's rural organised manufacturing industries in recent times, this study attempts to understand the nature of the technical change underlying it. — *Nabanita Mitra, Debarshi Das*

**Weakening of Institutions of Primary Healthcare**

- 58 It is necessary to revive referral services needed for primary-level curative care by focusing on strengthening community health centres and developing a strong public health workforce at the grassroots level.  
— *Mathew George*

**EDITORIALS**

- Ethos of Justice and Its Adversaries .....7  
Bihar Assembly Elections, 2020 .....8

**FROM THE EDITOR'S DESK**

- Provincialising Gender Justice ..... 9

**FROM 50 YEARS AGO ..... 9****COMMENTARY**

- Newly Formed Empowered 'Technology Group' and COVID-19  
— *Sunil Mani, Janak Nabar* ..... 10
- Tax on Agricultural Income: Holy Cow of the Indian Economy  
— *Govind Bhattacharjee* ..... 12
- Post-COVID-19 Challenges in the Indian IT Industry  
— *Rohan Chinchwadkar, Vinish Kathuria* ..... 17
- In Search of Optimal Inflation: Evidence from CPI Data  
— *Sartaj Rasool Rather* ..... 21

**BOOK REVIEWS**

- A Chequered Brilliance—The Many Lives of V K Krishna Menon: Glorious Heights and Terrifying Depths*  
— *Manu Bhagavan* ..... 25
- Mapping Power—The Political Economy of Electricity in India's States: Incomplete Story of the Political Economy of the Power Sector*  
— *Tejal Kanitkar* ..... 27

**PERSPECTIVES**

- The COVID-19 Pandemic and the Crisis of the Social Sciences  
— *Shiv Visvanathan* ..... 29

**INSIGHT**

- Dalit Journals in Colonial Madras (1869–1943)  
— *J Balasubramaniam* ..... 34

**SPECIAL ARTICLES**

- Life to Indian Languages: A Linguist Responds to Javed Majeed's Study of Grierson's *Linguistic Survey of India*  
— *Ayesha Kidwai* ..... 40
- Technical Change in India's Rural Organised Manufacturing Industries  
— *Nabanita Mitra, Debarshi Das* ..... 49
- The Fragmentation and Weakening of Institutions of Primary Healthcare: A Prescription for Their Revival  
— *Mathew George* ..... 58

**CURRENT STATISTICS ..... 65****LETTERS ..... 4**

**Stopping the Health Crisis from Becoming a Debt Crisis**

10 The middle-income countries would need substantial amounts of financing to meet the fiscal costs of the COVID-19 pandemic. — *Avinash Persaud*

**Appointment of Judges to the Higher Judiciary**

11 How many of the collegium’s recommendations for appointment of judges have been implemented by the union government, and how quickly, is examined. — *Alok Prasanna Kumar*

**The Making of a Masked Mandate**

14 The discourse around the forthcoming Bihar assembly elections of 2020 is rife with the usual rhetoric of development brandished by the ruling alliance, while the opposition stresses the underdevelopment of the state. — *Ravi Ranjan*

**Agricultural Market Operations across the Lockdown in J&K**

17 By providing empirical evidence, the impact of the COVID-19 lockdown on the agricultural market operations of the union territory of Jammu and Kashmir is analysed. — *Jabir Ali, Waseem Khan*

**Spectre of Election Day Meltdown in the United States**

21 As the United States gears up for presidential elections in November, a review of its electoral processes suggests a deepening structural crisis. — *Satyendra Ranjan*

**Suffering in Silence**

30 The presence of status quo bias and information asymmetry in the market of menstrual products as deterrents for urban, educated menstruating women to protect their health and the environment is examined. — *Muskan Soni, Padmini Ram*

**Progressiveness of Finance Commission**

37 The implications of the recommendations of the Fourteenth Finance Commission on the finances of Bihar as a result of changes in the tied, untied and overall union devolution are identified. — *Barna Ganguli, Bakshi Amit Kumar Sinha*

**Vulnerabilities in Utilising Maternal and Child Health Services**

45 The linkages between multiple vulnerabilities and the utilisation of maternal and child health services are investigated using data from National Family Health Survey-4 (2015–16) for Uttar Pradesh. — *Prem Shankar Mishra, T S Syamala*

**Jammu and Kashmir’s Open Defecation Free Status**

53 A microstudy was carried out in Bishnah block of Jammu district to analyse the claim of the 100% open defecation free status of Jammu and Kashmir announced in September 2018. — *Sapna K Sangra*

**Sex Workers and Misrepresentations**

58 A response to “Social Distancing and Sex Workers in India” by Priyanka Tripathi and Chhandita Das (*EPW*, 1 August 2020) — *Sweta Dash, Barathi Nakkeeran*

**Postscript**

63 *Anil Fakira Kshirsagar* on the new relevance of Amitav Ghosh’s novel *The Circle of Reason*; *Radhika Joshi* on how classical musicians can cope with the new reality brought about by the COVID-19 pandemic; *Lorraine de Souza* on the role of their lived experiences in the popularity of Joe Biden and Kamala Harris; and Last Lines by *Ponnappa*.

**EDITORIALS**

India’s Hunger Pangs .....7  
A Letter from a Governor .....8

**FROM THE EDITOR’S DESK**

How Modern Are the Public Institutions in India? ...9

**FROM 50 YEARS AGO** .....9

**HT PAREKH FINANCE COLUMN**

Stopping the Health Crisis from Becoming a Debt Crisis — *Avinash Persaud* .....10

**LAW & SOCIETY**

Appointment of Judges to the Higher Judiciary during the Pandemic—II  
— *Alok Prasanna Kumar* .....11

**COMMENTARY**

The Making of a Masked Mandate: Contours of Alliance Politics in Bihar  
— *Ravi Ranjan* .....14  
Agricultural Market Operations across the Lockdown in J&K: An Assessment  
— *Jabir Ali, Waseem Khan* .....17  
Spectre of Election Day Meltdown in the United States — *Satyendra Ranjan* .....21

**BOOK REVIEWS**

*Eric Hobsbawm: A Life in History*—Pioneer of Marxist Social History  
— *Pavel Tomar* .....25  
*Pluralistic Economics and Its History*—Bringing Economic History Back into Curriculums  
— *Amol Agrawal* .....27

**PERSPECTIVES**

Suffering in Silence: Information Asymmetry and Status Quo Bias in Menstrual Hygiene Market  
— *Muskan Soni, Padmini Ram* .....30

**SPECIAL ARTICLES**

Progressiveness of Finance Commission: A Critical Review of Bihar  
— *Barna Ganguli, Bakshi Amit Kumar Sinha* .....37  
Multiple Vulnerabilities in Utilising Maternal and Child Health Services in Uttar Pradesh, India  
— *Prem Shankar Mishra, T S Syamala* .....45

**NOTES**

Jammu and Kashmir’s Open Defecation Free Status: The Ground Reality  
— *Sapna K Sangra* .....53

**DISCUSSION**

Sex Workers and Misrepresentations  
— *Sweta Dash, Barathi Nakkeeran* .....58

**CURRENT STATISTICS** .....60

**POSTSCRIPT**

*The Circle of Reason* in a Post-COVID-19 World  
— *Anil Fakira Kshirsagar* (63),  
Classical Music and the Pandemic  
— *Radhika Joshi* (64),  
Lived Experience and the US Election  
— *Lorraine de Souza* (65), Last Lines (66)

**LETTERS** .....4

**Pandemic in the Eyes of the World Bank and the IMF**

7 A damning critique does not allow India to remain self-complacent on the economic and health fronts.

**On People’s Alliance for Gupkar Declaration**

8 The new alliance is reconfigured around the prospect of democratic politics, but its realisation may face challenges.

**Breaking the Balance of Power Trap**

10 India, Pakistan and China need to sit together and take a decision to jettison the “balance of power” theory that has kept them entrapped in trying to balance each other by using proxy war and interference in each other’s internal matters. — *Atul Bhardwaj*

**India’s Far from Neo-liberal Economic Order in the Modi Era**

12 India’s economic order is far from neo-liberal and expectations that the Modi government would liberalise audaciously have been disappointed. — *James Manor*

**Use of EdTech in Indian School Education during COVID-19**

16 This article examines issues faced by schoolteachers from across the country in their efforts to connect with their students during online teaching at a time of social distancing. — *Ajay K Singh, Raja Sekhar Satyavada, Tushar Goel, Padma Sarangapani & Nishevita Jayendran*

**BJP’s Twitter Experiments and Tamil Resilience**

20 While the Bharatiya Janata Party and right-wing affiliates’ campaigns in Tamil Nadu social media circles spill over to offline public discourse, they are still unable to draw support from a wider audience. — *Vignesh Karthik K R, Vihang Jumle & Jeyannathann Karunanithi*

**The Future of Work in the Post-COVID-19 World**

23 With technology replacing many human activities, our societies will likely shift towards more individualistic entities with less human interaction. — *Elia Rossi, José Balsa-Barreiro*

**Status Quo Anti: A Mind Reset for Post-pandemic Revival**

32 This article argues in favour of dismantling the Industrial Disputes Act and emphasises the issues for the “post-coronial” economic development of India. — *Dipankar Gupta*

**Repercussions of Protracted Currency Shortage**

40 A survey conducted among two distinct groups in Mumbai and Pune, three months after demonetisation, reveals the adverse impact of currency shortages on the incomes and livelihoods of those employed in tiny, informal enterprises. — *Anuradha Kalhan*

**Beyond Biomedical and Statistical Approaches in COVID-19**

47 Past experience seems to be corroborated in the present epidemic that a contextually rooted “shoe-leather public health” approach provides the most effective interventions and operational strategies, more so in a society as diverse as ours. — *Ritu Priya, Sanghmitra Acharya, Rama Baru, Vikas Bajpai, Ramila Bisht, Rajib Dasgupta, Prachinkumar Ghodajkar, Nemthiang Guite & Sunita Reddy*

**Analysis of Private Healthcare Providers**

59 To better promote universal health coverage, policy emphasis on better monitoring, administering regulations, transparency in system, and ensuring quality in delivery of service is needed. — *Chetana Chaudhuri, Pritam Datta*

**EDITORIALS**

Pandemic in the Eyes of the World Bank and the IMF.....7  
On People’s Alliance for Gupkar Declaration .....8

**FROM THE EDITOR’S DESK**

Fetish for Electoral Politics.....9

**FROM 50 YEARS AGO** ..... 9

**STRATEGIC AFFAIRS**

Breaking the Balance of Power Trap  
—*Atul Bhardwaj* ..... 10

**COMMENTARY**

India’s Far from Neo-liberal Economic Order in the Modi Era  
—*James Manor* ..... 12

Use of EdTech in Indian School Education during COVID-19: A Reality Check—*Ajay K Singh, Raja Sekhar Satyavada, Tushar Goel, Padma Sarangapani, Nishevita Jayendran* .....16

BJP’s Twitter Experiments and Tamil Resilience  
—*Vignesh Karthik K R, Vihang Jumle, Jeyannathann Karunanithi* ..... 20

The Future of Work in the Post-COVID-19 World  
—*Elia Rossi, José Balsa-Barreiro* ..... 23

**BOOK REVIEWS**

*Stepping into the Elite: Trajectories of Social Achievement in India, France, and the United States*—Experiences of Social Mobility, Transitions and Attainments  
—*Amit Thorat, Avinash Kumar* ..... 27

*Biotechnology for a Second Green Revolution in India: Socioeconomic, Political, and Public Policy Issues*—Genetically Modified Crop Technology  
—*R V Bhavani* ..... 29

**PERSPECTIVES**

Status Quo Anti: A Mind Reset for Post-pandemic Revival  
—*Dipankar Gupta* ..... 32

**SPECIAL ARTICLES**

Repercussions of Protracted Currency Shortage across Two Models of Financial Inclusion in India  
—*Anuradha Kalhan* ..... 40

Beyond Biomedical and Statistical Approaches in COVID-19: How Shoe-leather Public Health Work—*Ritu Priya, Sanghmitra Acharya, Rama Baru, Vikas Bajpai, Ramila Bisht, Rajib Dasgupta, Prachinkumar Ghodajkar, Nemthiang Guite, Sunita Reddy* ..... 47

**NOTES**

Analysis of Private Healthcare Providers  
—*Chetana Chaudhuri, Pritam Datta*..... 59

**CURRENT STATISTICS**..... 65

**LETTERS** ..... 4

23 NOV 2020



**An Inconsequential Stimulus**

7 The fiscal stimulus is too little to have any major impact on the economy.

**'Foundational Agreements' and Self-reliance**

8 The assessment of the new military alliance should be informed by its implications for Indian armed forces.

25 NOV 2020

**A Return to Ethics**

10 Ethics has to become comprehensive, cutting across cosmos, civilisation, constitutions, syllabus, creating a commons of alternatives that can give a new imagination to the citizens today. — *Shiv Visvanathan*

**Fifteenth Finance Commission Award for 2020–21**

14 The Fifteenth Finance Commission's main report for 2021–22 to 2025–26 will have to factor in COVID-19's impact on the economy and provide adequate fiscal space to the states for socio-economic response and recovery. — *T M Thomas Isaac, R Mohan & Lekha Chakraborty*

**COVID-19 and the Quest for Alternative Paradigms**

18 The Indian context of the COVID-19 pandemic is examined, and a reimagining of the development path for a more rational and egalitarian democracy is argued for. — *MA Oommen*

**An Analysis of Victim Compensation Schemes in India**

22 State victim compensation schemes are vastly different from one another in terms of the number of categories for compensation as well as the amount of compensation prescribed under each category. — *Abhishek Kumar*

**Safeguarding Fundamental Rights**

32 In recent times, the right to speech, expression and the right to protest have been constantly undermined, which runs contrary to the spirit of civilised democracy. — *Madan Bhimrao Lokur*

**Inequality in the Utilisation of Maternal Healthcare Services**

37 How the pattern of inequality in maternal healthcare service utilisation has evolved after the adoption of the National Rural Health Mission in 2005 is analysed, and the absolute as well as relative measures of inequality at the state level are estimated. — *Sohini Paul*

**Tax Payment as a Social Responsibility**

45 By employing fixed effects and quantile regression models to ascertain the impact of firm size on the effective tax rate using panel data for 1995–2017, we find that large firms' effective tax rates are lower as they adopt more tax-aggressive policies and use various tax incentives. — *Ramesh Jangili*

**Towards an Alternative Indian Tea Economy**

53 A review of the current trends in the Indian tea market and two alternative sites in Darjeeling indicates the potential of solidary enterprises and exposes the difficulties these groups face to emancipate themselves from the colonial-style tea companies. — *Miriam Wenner*

**Postscript**

63 *Anubhuti Sharma* and *Vidula Sonagra* on the link between sexual harassment and the guru–shishya *parampara* in the arts; *Melwyn Pinto* on how performance pressure on students lays the ground for increasing malpractice in examinations; *Manash Firaq Bhattacharjee* reflects on the nature of friendship and its relationship with memory; and Last Lines by *Ponnappa*.

**EDITORIALS**

An Inconsequential Stimulus ..... 7  
'Foundational Agreements' and Self-reliance ..... 8

**FROM THE EDITOR'S DESK**

The Language of Compensation ..... 9

**FROM 50 YEARS AGO****ALTERNATIVE STANDPOINT**

A Return to Ethics

— *Shiv Visvanathan* .....

**COMMENTARY**

Fifteenth Finance Commission Award for 2020–21: Implications for the States  
— *T M Thomas Isaac, R Mohan, Lekha Chakraborty* ..... 14

COVID-19 in the Indian Context and the Quest for Alternative Paradigms  
— *MA Oommen* ..... 18

An Analysis of Victim Compensation Schemes in India  
— *Abhishek Kumar* ..... 22

**BOOK REVIEWS**

*Land Dispossession and Everyday Politics in Rural Eastern India*—The Singur Movement: A Twist in the Tale  
— *Dwaipayan Bhattacharyya* ..... 26

*The Age of Fragmentation: A History of Contemporary Economic Thought*—A History of Contemporary Economic Theories  
— *Alex M Thomas* ..... 28

**PERSPECTIVES**

Safeguarding Fundamental Rights  
— *Madan Bhimrao Lokur* ..... 32

**SPECIAL ARTICLES**

Inequality in the Utilisation of Maternal Healthcare Services: Evidence from Indian States  
— *Sohini Paul* ..... 37

Tax Payment as a Social Responsibility: Differential Advantage of Large Firms  
— *Ramesh Jangili* ..... 45

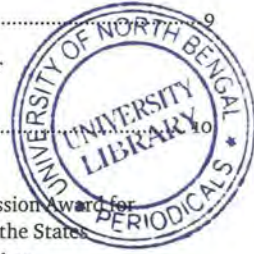
Towards an Alternative Indian Tea Economy: Examples of Producer Cooperatives from Darjeeling  
— *Miriam Wenner* ..... 53

**CURRENT STATISTICS****POSTSCRIPT**

Beyond a Culture of Debt: Reflections on the Guru–Shishya *Parampara*  
— *Anubhuti Sharma, Vidula Sonagra* (63),  
Malpractice Stories: Where Are We Going Wrong?  
— *Melwyn Pinto* (64),  
Memory, Death, Friendship  
— *Manash Firaq Bhattacharjee* (65),  
Last Lines (66)

**LETTERS**

..... 4



**The State of State Finances**

7 Only a generous award by the Fifteenth Finance Commission can restore fiscal balance.

**Symptom Controlled, Disease Persists**

8 Biden's policy of the "return to the normal" would be inadequate to decisively defeat Trumpism.

**A Consortium Proposal to the SDR Basket Countries**

10 The proposal to the SDR basket countries invites the United States, Germany, China, Japan, and the United Kingdom to form a consortium under the United Nations to create funds in their fiat currencies.  
— *Ahmet Öncü, T Sabri Öncü*

**The Pandemic and Economic Fallout in South Asia**

13 Coherent national strategies, backed by regional cooperation efforts, offer a way forward for economic recovery in South Asia, which is rapidly becoming the next COVID-19 global hotspot. — *Selim Raihan, Ganeshan Wignaraja, Vaqar Ahmed, Puspa Sharma, Nazir Kabiri & Prabir De*

**Negotiating Livelihood during COVID-19**

19 This article focuses on how the women vendors at the Tribal Market Complex in Imphal East negotiated their livelihood during the lockdown and analyses its impact. — *Hoipi Haokip, Arfina Haokip & Tingneichong Gangte*

**An Uncertain Future for Indian Higher Education**

23 The National Education Policy, 2020 seeks to revamp the entire regulatory structure to construct a system based on enhancing students' choice in opting for courses. — *Saumen Chattopadhyay*

**Upper-caste Domination in India's Mainstream Media**

34 The rising phenomenon of Dalit-Bahujan media in the digital space and their success or failure in democratising Indian media is examined.  
— *Dilip Mandal*

**How Mobile Are Workers across Informal and Formal Jobs?**

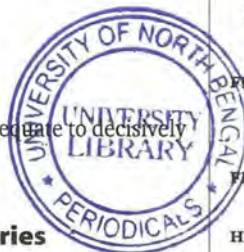
40 Using a longitudinal data set for India, this study examines the likelihood of individuals moving up from lower tier to upper tier informal jobs and to formal jobs (and vice versa). — *Rajesh Raj, Simone Schotte & Kunal Sen*

**Practices as Political**

49 Through a study of the Lepcha traditional practices in the east Himalayas, it is argued that the practising Adivasi or indigenous peoples are indeed presenting empirical sites of "ethico-political articulations," or "Ecosophy."  
— *Mollica Dastider*

**Geoffrey Bawa and Ludic Modernism**

56 This paper examines Sri Lanka's most celebrated architect Geoffrey Bawa's architectural sites as "visual texts" that exhibit a fraught, fractious engagement with the dominant nationalism of his times.  
— *Anupama Mohan*



**EDITORIALS**

The State of State Finances .....7  
Symptom Controlled, Disease Persists .....8

**FROM THE EDITOR'S DESK**

In Search of Responsible Politics .....9

**FROM 50 YEARS AGO**

**HT PAREKH FINANCE COLUMN**

A Consortium Proposal to the SDR Basket Countries:  
In Memory of David Graeber (1961–2020)  
— *Ahmet Öncü, T Sabri Öncü* .....10

**COMMENTARY**

The Pandemic and Economic Fallout  
in South Asia: Challenges and the Way Forward  
— *Selim Raihan, Ganeshan Wignaraja,  
Vaqar Ahmed, Puspa Sharma,  
Nazir Kabiri, Prabir De* .....13  
Negotiating Livelihood during COVID-19:  
Urban Tribal Women Vendors of Manipur  
— *Hoipi Haokip, Arfina Haokip,  
Tingneichong Gangte* .....19  
National Education Policy, 2020: An Uncertain  
Future for Indian Higher Education  
— *Saumen Chattopadhyay* .....23

**BOOK REVIEWS**

*The Caste of Merit: Engineering Education  
in India—Does Merit Have a Caste?*  
— *Suryakant Waghmore* .....28  
*Adivasis and the State: Subalternity and  
Citizenship in India's Bhil Heartland—  
Conceptualising and Thinking about  
Subaltern Politics*  
— *Virginius Xaxa* .....31

**PERSPECTIVES**

Upper-caste Domination in India's Mainstream  
Media and Its Extension in Digital Media  
— *Dilip Mandal* .....34

**SPECIAL ARTICLES**

How Mobile Are Workers across Informal and  
Formal Jobs in India?  
— *Rajesh Raj, Simone Schotte,  
Kunal Sen* .....40  
Practices as Political: Tribal Citizens and  
Indigenous Knowledge Practices in the  
East Himalayas  
— *Mollica Dastider* .....49  
Geoffrey Bawa and Ludic Modernism  
— *Anupama Mohan* .....56

**CURRENT STATISTICS** .....63

**LETTERS** .....4

**The Best Possible Constitution?**

10 The alternate versions of the constitutional text presented by the members of the Constituent Assembly deserve serious engagement and consideration.  
— *Alok Prasanna Kumar*

**An Opportunity to Invest in Equitable Public Health Systems**

12 India's public health system is in dire need of investment and the COVID-19 crisis is the perfect opportunity to back this policy decision with political will.  
— *Amar Patnaik, Anshuman Sharma*

**Is the 14% Revenue Guarantee to States Justified?**

18 Using data on revenue from subsumed taxes for 24 states and two union territories during the years 2012–16 preceding the GST, it is investigated whether the 14% revenue guarantee was justified.  
— *Manish Gupta, Indira Rajaraman*

**Will COVID-19 Change the Landscape of Financing Innovation?**

22 The revenue loss induced by the pandemic is likely to divert the existing resources in aiding firm survival and economic recovery, with financing innovation taking the back seat. — *Ketan Reddy, Subash S*

**A Committed Scholar: C P Bhambri (1933–2020)**

25 C P Bhambri believed that the task of social science, like all other sciences, was to arrive at the truth on the basis of well-established facts.  
— *Gurpreet Mahajan*

**Science in the Public Sphere: Obligation and Responsibility**

33 Scientists have the responsibility and the moral obligation of accurately communicating their ideas and results to the public.  
— *Ramakrishna Ramaswamy*

**Inflation Convergence and Anchoring of Expectations**

37 The inflation targeting regime's impact on anchoring inflation expectations is used to assess the direction of convergence between core and headline inflation and the expectation channel's efficacy compared to the aggregate demand channel of monetary transmission. — *Ashima Goyal, Prashant Parab*

**From Postcolonial Irony to Dalit Truth**

47 This paper, in three parts, examines the question of lived experience and Dalit subjectivity in a caste society. — *Rajat Roy*

**Sanitation and Hygiene in India: The Role of Development**

54 Data from the India Human Development Survey on toilet possession and personal hygiene in India shows that the strongest influences on households having a toilet were their social, economic, and educational circumstances.  
— *Vani Kant Borooh*

**Postscript**

63 *Amitabha Bhattacharya* pays tribute to actor Soumitra Chatterjee; *Prashant Bhaware* relates his experience with disability and obtaining a disability certificate; *Roomana Hukil* narrates a personal tragedy in light of the toxic levels of air pollution in Delhi; and Last Lines by *Ponnappa*.

**EDITORIALS**

The Coal Conundrum.....7  
Predicament of the Social Media Ordinance .....8

**FROM THE EDITOR'S DESK**

Life of Prejudice.....9

**FROM 50 YEARS AGO** ..... 9

**LAW & SOCIETY**

The Best Possible Constitution?  
— *Alok Prasanna Kumar* ..... 10

**COMMENTARY**

The COVID-19 Crisis: An Opportunity to Invest in Equitable Public Health Systems  
— *Amar Patnaik, Anshuman Sharma* ..... 12

Is the 14% Revenue Guarantee to States Justified?  
— *Manish Gupta, Indira Rajaraman* ..... 18

Will COVID-19 Change the Landscape of Financing Innovation in India?  
— *Ketan Reddy, Subash S* ..... 22

A Committed Scholar: C P B hambri (1933–2020)  
— *Gurpreet Mahajan* ..... 25

**REVIEW ARTICLE**

*Mobilizing the Marginalized: Ethnic Parties without Ethnic Movements; From Hierarchy to Ethnicity: The Politics of Caste in Twentieth-Century India; Force-fitting Ethnicity onto Caste*  
— *Aakash Singh Rathore* ..... 27

**PERSPECTIVES**

Science in the Public Sphere: Obligation and Responsibility  
— *Ramakrishna Ramaswamy* ..... 33

**SPECIAL ARTICLES**

Inflation Convergence and Anchoring of Expectations in India  
— *Ashima Goyal, Prashant Parab* ..... 37

From Postcolonial Irony to Dalit Truth: A Perspective on Experience  
— *Rajat Roy* ..... 47

Sanitation and Hygiene in India: The Role of Development  
— *Vani Kant Borooh* ..... 54

**CURRENT STATISTICS** ..... 61

**POSTSCRIPT**

Soumitra Chatterjee (1935–2020): A Tribute  
— *Amitabha Bhattacharya* (63),  
Of a Disability Certificate and Mixed Feelings  
— *Prashant Bhaware* (64),  
The Air That Took My Mother's Breath Away  
— *Roomana Hukil* (65), Last Lines (66)

**LETTERS** ..... 4

## **Contents**

From the Editors <i>Malavika Karlekar and Leela Kasturi</i>	7
--	---

### **Articles**

Couples Who Disobeyed the Caste-Like Marital Prohibitions in Israel <i>Ya'arit Bokek-Cohen</i>	9
Dalit Girls and Sexual Harassment in the University <i>Vandana</i>	33
Women's Collectives and Collective Action for Food and Energy Security: Reflections from a Community of Practice (CoP) Perspective <i>Sunita Dhal, Linda Lane and Nilima Srivastava</i>	55
Socio-psychological Implications of Public Harassment for Women in the Capital City of Islamabad <i>Naila Masood Ahmad, M. Masood Ahmad and Ramsha Masood</i>	77
Practising Pragmatism: The Framing of Gender Among Development Professionals in India <i>Isha Bhatnagar</i>	101

### **Reflections**

Metropolitan Feminisms of Middle-Class India: Multiple Sites, Conflicted Voices <i>Sharada Nair</i>	127
---	-----

## Essay

- Visualizing the Semiotics of Protest: The 'Nirbhaya' Rape Case 141  
*Subir Rana*

## Book Reviews

- Sayani Mitra, Silke Schicktanz, and Tulsi Patel (Eds.),  
*Cross-Cultural Comparisons on Surrogacy and Egg Donation:  
Inter-disciplinary Perspectives from India, Germany and Israel* 154  
*Mohan Rao*
- M. S. Sreerekha. *State without Honour: Women Workers  
in India's Anganwadis* 157  
*Panchali Ray*
- Sahgal Smita, *Niyoga: Alternative Mechanism to Lineage  
Perpetuation in Early India: A Socio-Historical Enquiry* 159  
*Shalini Shah*
- Mohammad A. Quayum and Md. Mahmudul Hasan (Eds.),  
*A Feminist Foremother: Critical Essays on Rokeya Sakhawat Hossain* 160  
*Madhulika Sonkar*
- Ruby Lal, *Empress: The Astonishing Reign of Nur Jahan* 163  
*Shadab Bano*
- Jasodhara Bagchi, *Interrogating Motherhood* 167  
*Indu Agnihotri*

## New Resources

- Madhu Shree and Akhlaq Ahmed* 173

Visit <http://journals.sagepub.com/home/ijg>  
Free access to tables of contents and abstracts

## Contents

### Articles

- What Does It Take to Clean the Ganga? Gendered Dimensions of Protest and Policy Perspectives 183  
*Anjali Dalal*
- The Emergence of a Transgender Community in Manipur: The Case of the *Nupi Maanbis* 205  
*Rubani Yumkhaibam*
- Technology and Queer Education: Subversions and Educational Resistances 226  
*Jordi Planella-Ribera, Asun Pié-Balaguer and Eva Patricia Gil-Rodríguez*
- The Untimely Death, Fall of the Male Figure and Disintegration of Family in Albee's *A Delicate Balance* 242  
*Jinan F. B. Al-Hajaj and Arafat Abdali Rakhees*
- Women's Vulnerability to Climate Change: Gender-skewed Implications on Agro-based Livelihoods in Rural Zvishavane, Zimbabwe 259  
*Patience Chidakwa, Clifford Mabhena, Blessing Mucherera, Joyline Chikuni and Chipso Mudavanhu*
- Ki sambandha hoibe takhon he?: Locating Nachnis in the Societal Margins of Kinship in Rural Bengal* 282  
*Saloka Sengupta and Haripriya Narasimhan*

### Research Note

- Aspects of Change Among Female Migrants: The Case of Kukis in Delhi 302  
*Thanggoulen Kipgen and Biswambhar Panda*

## Archive

- 'In the Shelter' by Rosa Luxemburg 313  
*Indu Agnihotri*

## Book Reviews

- Devaki Jain, *The Journey of a Southern Feminist and Close Encounters of Another Kind: Women and Development Economics* 321  
*Lakshmi Lingam*

- Hem Borker, *Madrasas and the Making of Islamic Womanhood* 325  
*Padmini Swaminathan*

- Asha Rani Mathur, *Nilina's Song: The Life of Naina Devi* 329  
*Reba Som*

- Ipshita Chanda, *Selfing the City: Single Women Migrants and Their Lives in Kolkata* 332  
*Shruti Dubey*

- Anna Morcom, *Illicit Worlds of Indian Dance: Cultures of Exclusion* 333  
*Aishika Chakraborty*

## New Resources

- Compiled by *Madhu Shree and Akhlaq Ahmed* 339

Visit <http://journals.sagepub.com/home/ijg>  
Free access to tables of contents and abstracts

## **Contents**

### **Articles**

- Homosexuality and Indian Civil Society: Reading Mahesh  
Dattani After Decriminalization of Section-377 349  
*Bhaskar Lama*
- Memory and Artistic Dissent: An Analogical Reading  
of Woolf's *To the Lighthouse* and Atwood's *Surfacing* 369  
*Shadi S. Neimneh and Motasim O. Almwajeh*
- The Relevance of Gender in the Care of Elders:  
Assumptions and Realities 387  
*Shi Li*

### **Research Notes**

- Gender and Disability: Dual Marginalization 410  
*Rajni*
- Practising Feminist Methodologies in Applied Research:  
The Undone Deal 420  
*Vasupradha Srikrishna*

### **Personal Narrative**

- Beyond 'Sex' in Sexual Harassment: A Feminist  
Critique of the Indian Sexual Harassment Act 431  
*Nivedita Raju*

### **Commentaries**

- The Defence of Aachaaram, Femininity, and Neo-Savarna  
Power in Kerala 445  
*J. Devika*

Where Will All the Women Work? 471  
Kanika Datta

## Reviews Essay

Shirley Pendlebury, 'Feminism, Epistemology and Education' 474  
Maithreyi Krishnaraj

## Book Reviews

Zarina Bhatti, *From Purdah to Piccadilly: A Muslim Woman's Struggle for Identity* 479  
Uma Chakravarti

Shirin M. Rai and Carole Spary, *Performing Representation: Women Members in Indian Parliament* 482  
Tuktuk Ghosh

Bidyut Mohanty and Victor Faessel (Eds.), *Our Money, Our Lives: Microcredit and Women's Empowerment in Cross Cultural Perspective* 485  
Ratna M. Sudarshan

Mahima Nayar, *Against All Odds: Psychosocial Distress and Healing Among Women* 488  
U. Vindhya

Monica Chanda, *Of Colonial Bungalows & Piano Lessons: Memoirs of an Indian Woman: Monica Chanda* 492  
Reba Som

Prem Chowdhry, *Gender, Power and Identity: Essays on Masculinities in Rural North India* 495  
Shivani Bhardwaj

Ghazala Jamil, *Muslim Women Speak: Of Dreams and Shackles* 498  
Prachi Patil

## New Resources

Compiled by Madhu Shree and Akhlak Ahmad 502

Visit <http://journals.sagepub.com/home/ijg>  
Free access to tables of contents and abstracts

# Journal of Economic Literature

## Editor

Steven N. Durlauf, University of Chicago

## Associate Editor

Lawrence E. Blume, Cornell University

## Board of Editors

Anna Aizer  
Cristina Arellano  
Costas Arkolakis  
Martha J. Bailey  
Leonardo Bursztn  
Beatrice Cherrier  
Lisa D. Cook  
Melissa Dell  
Mariacristina De Nardi  
Jennifer L. Doleac

Pascaline Dupas  
Chao Fu  
Veronica Guerrieri  
Marina Halac  
John Hatfield  
Rucker Johnson  
Melissa Kearney  
Trevon D. Logan  
Anna Mikusheva  
Francesca Molinari

Julie Holland Mortimer  
Mar Reguant  
Marzena Rostek  
Kareen Rozen  
Christina Shannon  
Holger Sieg  
Catherine Tucker  
Alessandra Voena  
Tao Zha

## Managing Editor

Dawn Wallhausen

---

VOLUME LVIII

MARCH 2020

NUMBER 1

---

## ARTICLES

- Inside Job or Deep Impact? Extramural Citations and the Influence of Economic  
Scholarship  
*Josh Angrist, Pierre Azoulay, Glenn Ellison, Ryan Hill, and Susan Feng Lu* 3
- Historical Legacies and African Development  
*Stelios Michalopoulos and Elias Papaioannou* 53
- What Remains of Cross-Country Convergence?  
**82** *Paul Johnson and Chris Papageorgiou* 129

**FORUM: The Teaching of Introductory Economics**

What Students Learn in Economics 101: Time for a Change  
*Samuel Bowles and Wendy Carlin* 176

Reflections of a Textbook Author  
*N. Gregory Mankiw* 215

**BOOK REVIEWS**

CURTIN, RICHARD THOMAS. Consumer Expectations: Micro Foundations and Macro Impact  
*Claudia Sahn* 229

GOULD-DAVIES, NIGEL. Tectonic Politics: Global Political Risk in an Age of Transformation  
*Cecilia Emma Sottilotta* 231

MCCARTHY, KILLIAN J., ED. The Money Laundering Market: Regulating the Criminal Economy  
*Carmelo Petraglia* 232

SQUICCIARINI, MARA P. AND JOHAN SWINNEN, EDS. The Economics of Chocolate  
*Karl Storchmann* 234

SWAN, MELANIE; JASON POTTS, SOICHIRO TAKAGI, FRANK WITTE, AND PAOLO TASCA, EDS. Blockchain Economics: Implications of Distributed Ledgers: Markets, Communications Networks, and Algorithmic Reality  
*Alexandros Seretakis* 236

**ANNOTATED LISTING OF NEW BOOKS** 238

**JEL CLASSIFICATION SYSTEM FOR BOOKS** 281

• Registered in the U.S. Patent and Trademark Office®.

• Copyright © 2020 by the American Economic Association. Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not distributed for profit or direct commercial advantage and that copies show this notice on the first page or initial screen of a display along with the full citation, including the name of the author. Copyrights for components of this work owned by others than AEA must be honored. Abstracting with credit is permitted. The author has the right to republish, post on servers, redistribute to lists and use any component of this work in other works. For others to do so requires prior specific permission and/or a fee. Permission may be requested from the American Economic Association Business Office.

• Composed by the American Economic Association, Publications Office, Pittsburgh, Pennsylvania, U.S.A., and printed by Allen Press, Lawrence, Kansas, U.S.A.

25 NOV 2020



# Journal of Economic Literature

## Editor

Steven N. Durlauf, University of Chicago

## Associate Editor

Lawrence E. Blume, Cornell University

## Board of Editors

Anna Aizer  
Cristina Arellano  
Costas Arkolakis  
Martha J. Bailey  
Leonardo Bursztyn  
Beatrice Cherrier  
Lisa D. Cook  
Melissa Dell  
Mariacristina De Nardi  
Jennifer L. Doleac

Pascaline Dupas  
Chao Fu  
Veronica Guerrieri  
Marina Halac  
John Hatfield  
Rucker Johnson  
Melissa Kearney  
Trevon D. Logan  
Anna Mikusheva  
Francesca Molinari

Julie Holland Mortimer  
Mar Reguant  
Marzena Rostek  
Kareen Rozen  
Christina Shannon  
Holger Sieg  
Catherine Tucker  
Alessandra Voena  
Tao Zha

## Managing Editor

Dawn Wallhausen

## Assistant Managing Editor

Ariana M. Mapua

---

VOLUME LVIII

SEPTEMBER 2020

NUMBER 3

---

## ARTICLES

Explaining the Decline in the US Employment-to-Population Ratio: A Review of the Evidence

*Katharine G. Abraham and Melissa S. Kearney* 585

Model Averaging and Its Use in Economics

*Mark F. J. Steel* 644

*Where Economics Went Wrong: A Review Essay*

Commanding Nature by Obeying Her: A Review Essay on Joel Mokyr's *A Culture of Growth*

**BOOK REVIEWS**

CULLINANE, KEVIN, ED. *Airline Economics in Europe*

HOXBY, CAROLINE M. AND KEVIN STANGE, EDs. *Productivity in Higher Education*

MISAK, CHERYL. *Frank Ramsey: A Sheer Excess of Powers*

UBEL, PETER A. *Sick to Debt: How Smarter Markets Lead to Better Care*

**ANNOTATED LISTING OF NEW BOOKS**

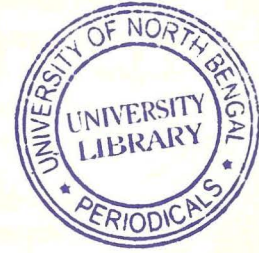
**JEL CLASSIFICATION SYSTEM FOR BOOKS**

• Registered in the U.S. Patent and Trademark Office®.

• Copyright © 2020 by the American Economic Association. Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not distributed for profit or direct commercial advantage and that copies show this notice on the first page or initial screen of a display along with the full citation, including the name of the author. Copyrights for components of this work owned by others than AEA must be honored. Abstracting with credit is permitted. The author has the right to republish, post on servers, redistribute to lists and use any component of this work in other works. For others to do so requires prior specific permission and/or a fee. Permission may be requested from the American Economic Association Business Office.

• Composed by the American Economic Association, Publications Office, Pittsburgh, Pennsylvania, U.S.A., and printed by Allen Press, Lawrence, Kansas, U.S.A.

# Journal of Economic Literature



## Editor

Steven N. Durlauf, University of Chicago

## Associate Editor

Lawrence E. Blume, Cornell University

17 FEB 2022

## Board of Editors

Anna Aizer  
Cristina Arellano  
Costas Arkolakis  
Martha J. Bailey  
Leonardo Bursztyn  
Beatrice Cherrier  
Lisa D. Cook  
Melissa Dell  
Mariacristina De Nardi  
Jennifer L. Doleac

Pascaline Dupas  
Chao Fu  
Veronica Guerrieri  
Marina Halac  
John Hatfield  
Rucker Johnson  
Melissa Kearney  
Trevon D. Logan  
Anna Mikusheva  
Francesca Molinari

Julie Holland Mortimer  
Mar Reguant  
Marzena Rostek  
Kareen Rozen  
Christina Shannon  
Holger Sieg  
Catherine Tucker  
Alessandra Voena  
Tao Zha

## Managing Editor

Dawn Wallhausen

## Assistant Managing Editor

Ariana M. Mapua

---

VOLUME LVIII

DECEMBER 2020

NUMBER 4

---

## ARTICLES

- Upgrading Education with Technology: Insights from Experimental Research  
*Maya Escueta, Andre Joshua Nickow, Philip Oreopoulos, and Vincent Quan* 897
- How Well Do Automated Linking Methods Perform? Lessons from US Historical Data  
*Martha J. Bailey, Connor Cole, Morgan Henderson, and Catherine Massey* 997

The Coase Theorem at Sixty

*Steven G. Medema* 1045

Potential Outcome and Directed Acyclic Graph Approaches to Causality: Relevance for  
Empirical Practice in Economics

*Guido W. Imbens* 1129

The Parable of the Auctioneer: Complexity in Paul R. Milgrom's *Discovering Prices*

*Scott Duke Kominers and Alexander Teytelboym* 1180

## **BOOK REVIEWS**

KELTON, STEPHANIE. The Deficit Myth: Modern Monetary Theory and the  
Birth of the People's Economy

*Alberto Bisin* 1199

SHILLER, ROBERT J. Narrative Economics: How Stories Go Viral and Drive  
Major Economic Events

*David Colander* 1197

## **ANNOTATED LISTING OF NEW BOOKS**

1202

## **JEL CLASSIFICATION SYSTEM FOR BOOKS**

1286

## **DOCTORAL DISSERTATIONS IN ECONOMICS**

1302

# Journal of Political Economy

Volume 128

Number 1

January 2020

## Articles

- 1 Clock Auctions and Radio Spectrum Reallocation  
*Paul Milgrom and Ilya Segal*
- 32 On the Origins of the State: Stationary Bandits  
and Taxation in Eastern Congo  
*Raúl Sánchez de la Sierra*
- 75 The Role of Quality in Internet Service Markets  
*Elena Krasnokutskaya, Kyungchul Song, and Xun Tang*
- 118 Labor Supply in the Past, Present, and Future:  
A Balanced-Growth Perspective  
*Timo Boppert and Per Krusell*
- 158 Cognitive and Noncognitive Costs of Day Care at Age 0–2  
for Children in Advantaged Families  
*Margherita Fort, Andrea Ichino, and Giulio Zanella*
- 206 Survival and Long-Run Dynamics with Heterogeneous  
Beliefs under Recursive Preferences  
*Jaroslav Borovička*
- 252 Social Insurance and the Marriage Market  
*Petra Persson*
- 301 Internal versus External Growth in Industries with Scale  
Economies: A Computational Model of Optimal Merger  
Policy  
*Ben Mermelstein, Volker Nocke, Mark A. Satterthwaite,  
and Michael D. Whinston*
- 342 Comparing the Chosen: Selection Bias When Selection  
Is Competitive  
*Thomas Noe*

# Journal of Political Economy

Volume 128

Number 2

February 2020

## Articles

- 393 Universal Gravity  
*Treb Allen, Costas Arkolakis, and Yuta Takahashi*
- 434 The Formation of Prosociality: Causal Evidence  
on the Role of Social Environment  
*Fabian Kosse, Thomas Deckers, Pia Pinger, Hannah Schildberg-  
Hörisch, and Armin Falk*
- 468 Moving the Goalposts  
*Jeffrey C. Ely and Martin Szydlowski*
- 507 Political Booms, Financial Crises  
*Helios Herrera, Guillermo Ordoñez, and Christoph Trebesch*
- 544 The Political Economy of Weak Treaties  
*Marco Battaglini and Bård Harstad*
- 591 Bride Price and Female Education  
*Nava Ashraf, Natalie Bau, Nathan Nunn, and Alessandra Voena*
- 642 Structural Estimation of a Model of School Choices:  
The Boston Mechanism versus Its Alternatives  
*Caterina Calsamiglia, Chao Fu, and Maia Güell*
- 681 Information Design in the Holdup Problem  
*Daniele Condorelli and Balázs Szentes*
- 710 On the Optimality of Financial Repression  
*V. V. Chari, Alessandro Dovis, and Patrick J. Kehoe*
- 740 Like Attract Like? A Structural Comparison of Homogamy  
across Same-Sex and Different-Sex Households  
*Edoardo Ciscato, Alfred Galichon, and Marion Goussé*

25 NOV 2020

# Journal of Political Economy

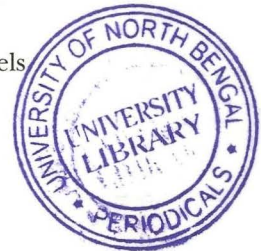
Volume 128

Number 3

March 2020

- 783 Thickness and Information in Dynamic Matching Markets  
*Mohammad Akbarpour, Shengwu Li, and Shayan Oveis Gharan*
- 816 Knowing When to Ask: The Cost of Leaning In  
*Christine L. Exley, Muriel Niederle, and Lise Vesterlund*
- 855 Left Behind: Creative Destruction, Inequality,  
and the Stock Market  
*Leonid Kogan, Dimitris Papanikolaou, and Noah Stoffman*
- 907 Lying and Deception in Games  
*Joel Sobel*
- 948 A New Approach to Estimating Equilibrium Models  
for Metropolitan Housing Markets  
*Dennis Epple, Luis Quintero, and Holger Sieg*
- 984 Upcoding: Evidence from Medicare on Squishy  
Risk Adjustment  
*Michael Geruso and Timothy Layton*
- 1027 Optimal Monetary Policy with Informational Frictions  
*George-Marios Angeletos and Jennifer La'O*
- 1065 Early and Late Human Capital Investments,  
Borrowing Constraints, and the Family  
*Elizabeth M. Caucutt and Lance Lochner*
- 1148 A Model of Dynamic Limit Pricing with an Application  
to the Airline Industry  
*Andrew Sweeting, James W. Roberts, and Chris Gedge*

23 NOV 2020



# Journal of Political Economy



Volume 128

Number 4

April 2020

- 1195 The Impact of Management Practices on Employee Productivity: A Field Experiment with Airline Captains  
*Greer K. Gosnell, John A. List, and Robert D. Metcalfe*
- 1234 Transparency and Negotiated Prices: The Value of Information in Hospital-Supplier Bargaining  
*Matthew Grennan and Ashley Swanson*
- 1269 Incarceration, Recidivism, and Employment  
*Manudeep Bhuller, Gordon B. Dahl, Katrine V. Løken, and Magne Mogstad*
- 1325 CEO Behavior and Firm Performance  
*Oriana Bandiera, Andrea Prat, Stephen Hansen, and Raffaella Sadun*
- 1370 On Information Design in Games  
*Laurent Mathevet, Jacopo Perego, and Ina Taneva*
- 1405 Ben-Porath Meets Lazear: Microfoundations for Dynamic Skill Formation  
*Costas Cavounidis and Kevin Lang*
- 1436 Eliciting and Utilizing Willingness to Pay: Evidence from Field Trials in Northern Ghana  
*James Berry, Greg Fischer, and Raymond Guiteras*
- 1474 Genetic Endowments and Wealth Inequality  
*Daniel Barth, Nicholas W. Papageorge, and Kevin Thom*
- 1523 Experimental Evidence on the Economics of Rural Electrification  
*Kenneth Lee, Edward Miguel, and Catherine Wolfram*
- 1566 Innovation in the Global Firm  
*L. Kamran Bilir and Eduardo Morales*

28 NOV 2020



# Journal of Political Economy

Volume 128

Number 5

May 2020

## Articles

- 1627 Willingness to Pay for Clean Air: Evidence from Air Purifier Markets in China  
*Koichiro Ito and Shuang Zhang*
- 1673 When Fair Isn't Fair: Understanding Choice Reversals Involving Social Preferences  
*James Andreoni, Deniz Aydin, Blake Barton, B. Douglas Bernheim, and Jeffrey Naecker*
- 1712 Subsidy Design in Privately Provided Social Insurance: Lessons from Medicare Part D  
*Francesco Decarolis, Maria Polyakova, and Stephen P. Ryan*
- 1753 Cutthroat Capitalism versus Cuddly Socialism: Are Americans More Meritocratic and Efficiency-Seeking than Scandinavians?  
*Ingvild Almås, Alexander W. Cappelen, and Bertil Tungodden*
- 1789 Games of Love and Hate  
*Debraj Ray © Rajiv Vohra*
- 1826 The Use of Regression Statistics to Analyze Imperfect Pricing Policies  
*Mark R. Jacobsen, Christopher R. Knittel, James M. Sallee, and Arthur A. van Benthem*
- 1877 Stochastic Dominance under Independent Noise  
*Luciano Pomatto, Philipp Strack, and Omer Tamuz*
- 1901 Information Aversion  
*Marianne Andries and Valentin Haddad*
- 1940 Turning Up the Heat: The Discouraging Effect of Competition in Contests  
*Dawei Fang, Thomas Noe, and Philipp Strack*

1976 Cooperation and Community Responsibility  
*Joyee Deb*

**Comment**

2010 Women and Power: Unpopular, Unwilling, or Held Back?  
A Comment  
*Manuel Bagues and Pamela Campa*

2017 Erratum

# Journal of Political Economy

Volume 128

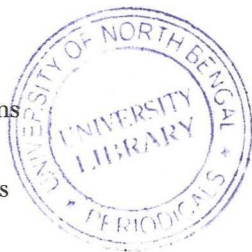
Number 6

June 2020

## Articles

25 NOV 2020

- 2019 International Currencies and Capital Allocation  
*Matteo Maggiori, Brent Neiman, and Jesse Schreger*
- 2067 The First 2,000 Days and Child Skills  
*Orla Doyle*
- 2123 Supervisors and Performance Management Systems  
*Anders Frederiksen, Lisa B. Kahn, and Fabian Lange*
- 2188 Robots and Jobs: Evidence from US Labor Markets  
*Daron Acemoglu and Pascual Restrepo*
- 2245 Secular Labor Reallocation and Business Cycles  
*Gabriel Chodorow-Reich and Johannes Wieland*
- 2288 A Model of Fickle Capital Flows and Retrenchment  
*Ricardo J. Caballero and Alp Simsek*
- 2329 Segmentation versus Agglomeration: Competition between  
Platforms with Competitive Sellers  
*Heiko Karle, Martin Peitz, and Markus Reisinger*
- 2375 Long-Term-Care Utility and Late-in-Life Saving  
*John Ameriks, Joseph Briggs, Andrew Caplin, Matthew D. Shapiro,  
and Christopher Tonetti*



# Journal of Political Economy

Volume 128

Number 7

July 2020

25 NOV 2020

## Articles

- 2453 Why Are Older Women Missing in India? The Age Profile of Bargaining Power and Poverty  
*Rossella Calvi*
- 2502 Quantifying the Life-Cycle Benefits of an Influential Early-Childhood Program  
*Jorge Luis García, James J. Heckman, Duncan Ermini Leaf, and María José Prados*
- 2542 Persuading the Principal to Wait  
*Dmitry Orlov, Andrzej Skrzypacz, and Pavel Zrymlov*
- 2579 Queens  
*Oeindrila Dube and S. P. Harish*
- 2653 Technology and Time Inconsistency  
*Bård Harstad*
- 2690 Domestic Trade Frictions and Agriculture  
*Sebastian Sotelo*
- 2739 The Effect of Early-Childhood Education on Social Preferences  
*Alexander Cappelen, John List, Anya Samek, and Bertil Tungodden*
- 2759 Revealed-Preference Analysis with Framing Effects  
*Jacob Goldin and Daniel Reck*
- 2796 A Random Attention Model  
*Matias D. Cattaneo, Xinwei Ma, Yusufcan Masatlioglu, and Elchin Suleymanov*



# Journal of Political Economy



Volume 128

Number 8

August 2020

## Articles

- 2839 The Tail That Wags the Economy: Beliefs and Persistent Stagnation  
*Julian Kozlowski, Laura Veldkamp, and Venky Venkateswaran*
- 2880 Debates: Voting and Expenditure Responses to Political Communication  
*Kelly Bidwell, Katherine Casey, and Rachel Glennerster*
- 2925 Improving College Instruction through Incentives  
*Andy Brownback and Sally Sadoff*
- 2973 On the Identification of Gross Output Production Functions  
*Amit Gandhi, Salvador Navarro, and David A. Rivers*
- 3017 Immigration and Wage Dynamics: Evidence from the Mexican Peso Crisis  
*Joan Monras*
- 3090 Trust in State and Nonstate Actors: Evidence from Dispute Resolution in Pakistan  
*Daron Acemoglu, Ali Cheema, Asim I. Khwaja, and James A. Robinson*
- 3148 Macroeconomic Drivers of Bond and Equity Risks  
*John Y. Campbell, Carolin Pflueger, and Luis M. Viceira*
- 3186 The Strategy and Technology of Conflict  
*Sandeep Baliga and Tomas Sjöström*
- 3220 Sharp Bounds and Testability of a Roy Model of STEM Major Choices  
*Ismaël Mourifié, Marc Henry, and Romuald Méango*

26 NOV 2020

# Journal of Political Economy

Volume 128

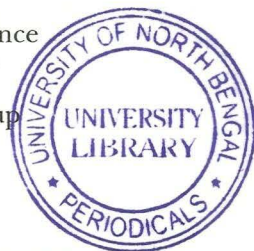
Number 9

September 2020

25 NOV 2020

## Articles

- 3285 The Housing Boom and Bust: Model Meets Evidence  
*Greg Kaplan, Kurt Mitman, and Giovanni L. Violante*
- 3346 Experience of Communal Conflicts and Intergroup Lending  
*Raymond Fisman, Arkodipta Sarkar, Janis Skrastins, and Vikrant Vig*
- 3376 Understanding How Low Levels of Early Lead Exposure Affect Children's Life Trajectories  
*Hans Grönqvist, J. Peter Nilsson, and Per-Olof Robling*
- 3434 Credit Market Disruptions and Liquidity Spillover Effects in the Supply Chain  
*Anna M. Costello*
- 3469 Income and Wealth Inequality in America, 1949–2016  
*Moritz Kuhn, Moritz Schularick, and Ulrike I. Steins*
- 3520 Self-Fulfilling Runs: Evidence from the US Life Insurance Industry  
*Nathan Foley-Fisher, Borghan Narajabad, and Stéphane Verani*
- 3570 Vertical Integration, Supplier Behavior, and Quality Upgrading among Exporters  
*Christopher Hansman, Jonas Hjort, Gianmarco León-Ciliotta, and Matthieu Teachout*
- 3626 Surprise! Out-of-Network Billing for Emergency Care in the United States  
*Zack Cooper, Fiona Scott Morton, and Nathan Shekita*



# Journal of Political Economy

Volume 128

Number 10

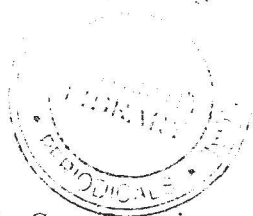
October 2020

## Articles

- 3679 Moral Values and Voting  
*Benjamin Enke*
- 3730 Intergenerational Redistribution in the Great Recession  
*Andrew Glover, Jonathan Heathcote, Dirk Krueger, and José-Victor Ríos-Rull*
- 3779 Collusion in Markets with Syndication  
*John William Hatfield, Scott Duke Kominers, Richard Lowery, and Jordan M. Barry*
- 3820 Identification in Auction Models with Interdependent Costs  
*Paulo Somaini*
- 3872 Common Values, Unobserved Heterogeneity, and Endogenous Entry in US Offshore Oil Lease Auctions  
*Giovanni Compiani, Philip Haile, and Marcelo Sant'Anna*
- 3913 Motivated False Memory  
*Soo Hong Chew, Wei Huang, and Xiaojian Zhao*
- 3940 The Economic Origins of Conflict in Africa  
*Eoin McGuirk and Marshall Burke*

## Comments

- 3998 An Empirical Analysis of Racial Differences in Police Use of Force: A Comment  
*Steven N. Durlauf and James J. Heckman*
- 4003 An Empirical Analysis of Racial Differences in Police Use of Force: A Response  
*Roland G. Fryer Jr.*

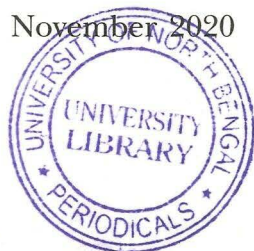


# Journal of Political Economy

Volume 128

Number 11

November 2020



## Articles

- 4011 Political Cycles and Stock Returns  
*Ľuboř Pástor and Pietro Veronesi*
- 4046 How Do Doctors Respond to Incentives? Unintended  
Consequences of Paying Doctors to Reduce Costs  
*Diane Alexander*
- 4097 Firm Volatility in Granular Networks  
*Bernard Herskovic, Bryan Kelly, Hanno Lustig,  
and Stijn Van Nieuwerburgh*
- 4163 Copyrights and Creativity: Evidence from Italian Opera  
in the Napoleonic Age  
*Michela Giorcelli and Petra Moser*
- 4211 Productivity and Organization in Portuguese Firms  
*Lorenzo Caliendo, Giordano Mion, Luca David Opromolla,  
and Esteban Rossi-Hansberg*
- 4258 Equilibrium Labor Market Search and Health  
Insurance Reform  
*Naoki Aizawa and Hanming Fang*
- 4337 Occupational Licensing and Maternal Health: Evidence  
from Early Midwifery Laws  
*D. Mark Anderson, Ryan Brown, Kerwin Kofi Charles,  
and Daniel I. Rees*
- 4384 **Erratum**

21 JAN 2021

# Journal of Political Economy

Volume 128

Number 12

December 2020

## Articles

- 4387 Declining Search Frictions, Unemployment, and Growth  
*Paolo Martellini and Guido Menzio*
- 4438 What Goes Up May Not Come Down: Asymmetric Incidence of Value-Added Taxes  
*Youssef Benzarti, Dorian Carloni, Jarkko Harju, and Tuomas Kosonen*
- 4475 Ex Ante Returns and Occupational Choice  
*Peter Arcidiacono, V. Joseph Hotz, Arnaud Maurel, and Teresa Romano*
- 4523 Commitment versus Flexibility with Costly Verification  
*Marina Halac and Pierre Yared*
- 4574 Welfare Analysis with Heterogeneous Risk Preferences  
*Maya Eden*
- 4614 A/B Testing with Fat Tails  
*Eduardo M. Azevedo, Alex Deng, José Luis Montiel Olea, Justin Rao, and E. Glen Weyl*
- 4673 **Erratum**
- 4679 Index to Volume 128

21 JAN 2021



*Margin—The Journal of  
Applied Economic Research*

Volume 14

Number 1

February 2020

**Articles**

- Are Major US Trading Partners' Exports and Imports Cointegrated?  
Evidence from Bootstrap ARDL 7  
*Soo Khoon Goh, Tuck Cheong Tang and Chung Yan Sam*
- The Impact of Financial Innovation on the Money Demand Function:  
An Empirical Verification in India 28  
*Masudul Hasan Adil, Neeraj Hatekar and Pravakar Sahoo*
- Does Defence Spending and its Composition Affect Economic  
Growth in India? 62  
*Ranjan Kumar Mohanty, Sidheswar Panda and Biswabhusan Bhuyan*
- Do Large Foreign Direct Investment Inflows Behave Differently From  
Smaller Inflows? Evidence from Developing Countries 86  
*Jagadish Prasad Sahu*
- A Real-business-cycle Model with a Stochastic Capital Share:  
Lessons for Bulgaria (1999–2018) 107  
*Aleksandar Vasilev*

*Margin—The Journal of  
Applied Economic Research*

Volume 14

Number 2

May 2020

**Articles**

- Technology Shocks and Non-stationary Hours in Emerging Countries and DSVAR 129  
*Sevgi Coskun*
- Foreign Direct Investment and Total Factor Productivity: Any Nexus? 164  
*Mohammed Abdullah and Murshed Chowdhury*
- Why do Indian Firms Borrow in Foreign Currency? 191  
*Ashis Kumar Pradhan and Gourishankar S. Hiremath*
- Does Greater Creditor Protection Affect Firm Borrowings? Evidence from IBC 212  
*Jibin Jose, Snehal S. Herwadkar, Prabal Bilantu and Shihab Abdul Razak*
- Access to Credit, Farm Productivity and Market Participation in Ghana: A Conditional Mixed Process Approach 226  
*Hamdiyah Alhassan, Benjamin Musah Abu and Paul Kwame Nkegbe*

*Margin—The Journal of  
Applied Economic Research*

**Volume 14**

**Number 3**

**August 2020**

**Articles**

- How Does Public Debt Affect the Indian Macroeconomy?  
A Structural VAR Approach 253  
*Ranjan Kumar Mohanty and Sidheswar Panda*
- Is the Relationship Between Government Spending and Private  
Consumption in Egypt Symmetric? 285  
*Imadeddin Ahmed Almosabbeh*
- Does Education Produce Identical Labour Market Outcomes for All?  
A Study on India 309  
*Anjan Ray Chaudhury and Madhabendra Sinha*
- Efficiency of Small-scale Irrigation Farmers in Northern Ghana:  
A Data Envelopment Analysis Approach 332  
*Abdulai Adams, Bedru Balana and Nicole Lefore*

*Margin—The Journal of  
Applied Economic Research*

Volume 14

Number 4

November 2020

**Articles**

- Does Financial Development Moderate the Effects on Growth Volatility?  
The Experience of Malaysia 361  
*Chor Foon Tang and Salah Abosedra*
- Comparative Effects of Foreign Direct Investment from China and  
Other Sources on Africa's Economic Growth 382  
*Marvellous Ngundu and Nicholas Ngepah*
- Assessing the Quality of Bank Boards: Evidence from the Indian  
Banking Industry 409  
*Madhur Bhatia and Rachita Gulati*
- An Investigation into the Intertemporal Spending Path of Local  
Government in Mauritius 432  
*Sanju Naraidoo and Sanjeev K. Sobhee*
- Green Tax Reform and Employment Double Dividend in Australia:  
Should Australia Follow Europe's Footsteps? A CGE Analysis 454  
*Maruf Rahman Maxim and Kerstin Zander*



**Editor**  
ESTHER DUFLO  
**Coeditors**  
ROLAND BÉNABOU  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA  
DEBRAJ RAY

**Board of Editors**  
NAGEEB ALI  
MANUEL AMADOR  
ISAAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
LEAH BOUSTAN  
CRAIG BURNSIDE  
ARIEL BURSTEIN  
STEVEN CALLANDER  
ALESSANDRA CASELLA  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPEL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEOGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÅRD HARSTAD  
GUIDO IMBENS  
OLEG ITSKHOKI  
ŞEBNEM KALEMLI-ÖZCAN  
LOUKAS KARABARBOUNIS  
NAVIN KARTIK  
BRIAN KNIGHT  
BOTOND KÖSZEGI  
ARVIND KRISHNAMURTHY  
GUIDO LORENZONI  
JENS LUDWIG  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
JONATHAN PARKER  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
JESSE ROTHSTEIN  
EMMANUEL SAEZ  
RAJIV SETHI  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
STEFANIE STANTCHEVA  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SELEHI  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED  
**Managing Editor**  
STEVEN M. STELLING  
**Assistant Managing Editor**  
MATTHEW A. ROBERSON

January 2020

VOLUME 110, NUMBER 1

Putting the Cycle Back into Business Cycle  
Analysis

*Paul Beaudry, Dana Galizia, and  
Franck Portier*

1

Estimating the Production Function for Human  
Capital: Results from a Randomized Controlled  
Trial in Colombia

*Orazio Attanasio, Sarah Cattan,  
Emla Fitzsimons, Costas Meghir,  
and Marta Rubio-Codina*

48

Positive Long-Run Capital Taxation: Chamley-Judd  
Revisited

*Ludwig Straub and Iván Werning*

86

Regulating Innovation with Uncertain Quality:  
Information, Risk, and Access in Medical  
Devices

*Matthew Grennan and Robert J. Town*

120

Efficient Child Care Subsidies

*Christine Ho and Nicola Pavoni*

162

Way Down in the Hole: Adaptation to Long-Term  
Water Loss in Rural India

*David Blakeslee, Ram Fishman,  
and Veena Srinivasan*

200

Diffusion Games

*Evan Sadler*

225

Diffusing Coordination Risk

*Deepal Basak and Zhen Zhou*

271

Optimal Taxation with Behavioral Agents

*Emmanuel Farhi and Xavier Gabaix*

298

**Editor**

ESTHER DUFLO

**Coeditors**

ROLAND BÉNABOU

STEFANO DELLAVIGNA

LIRAN EINAV

JEFFREY ELY

MIKHAIL GOLOSOV

PIERRE-OLIVIER GOURINCHAS

HENRIK KLEVEN

THOMAS LEMIEUX

EMI NAKAMURA

DEBRAJ RAY

**Board of Editors**

NAGEEB ALI

MANUEL AMADOR

ISAIAH ANDREWS

DAVID ATKIN

NED AUGENBLICK

EDUARDO AZEVEDO

MARTHA BAILEY

HESKI BAR-ISAAC

DANIEL BENJAMIN

LEAH BOUSTAN

CRAIG BURNSIDE

ARIEL BURSTEIN

STEVEN CALLANDER

ALESSANDRA CASELLA

SYLVAIN CHASSANG

ARNAUD COSTINOT

GORDON DAHL

GEOFFROY DE CLIPPEL

MATTHIAS DOEPKE

FEDERICO ECHENIQUE

GEORGY EGOROV

PATRICK FRANCOIS

MICHAEL GRUBB

MARINA HALAC

BÁRD HARSTAD

GUIDO IMBENS

OLEG ITSKHOKI

ŞEBNEM KALEMLI-ÖZCAN

LOUKAS KARABARBOUNIS

NAVIN KARTIK

BRIAN KNIGHT

BOTOND KÖSZEGI

ARVIND KRISHNAMURTHY

GUIDO LORENZONI

JENS LUDWIG

ELLEN MCGRATTAN

ALISDAIR MCKAY

MORITZ MEYER-TER-VEHN

BRENT NEIMAN

RYAN OPREA

PHILIP OREOPOULOS

JUAN ORTNER

PIETRO ORTOLEVA

AMANDA PALLAIS

JONATHAN PARKER

FABRIZIO PERRI

THOMAS PHILIPPON

RONNY RAZIN

ESTEBAN ROSSI-HANSBERG

JESSE ROTHSTEIN

EMMANUEL SAEZ

RAJIV SETHI

VASILIKI SKRETA

KATHRYN SPIER

CHARLES SPRENGER

STEFANIE STANTCHEVA

JAKUB STEINER

BRUNO STRULOVICI

TOMASZ STRZALECKI

AMIR SUFI

JUSTIN SYDNOR

BALÁZS SZENTES

ALIREZA TAHBAZ-SELEHI

FRANCESCO TREBBI

ALEH TSYVINSKI

JOHN VAN REENEN

NICO VOIGTLANDER

PIERRE YARED

**Managing Editor**

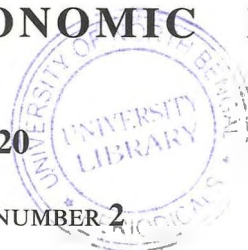
STEVEN M. STELLING

**Assistant Managing Editor**

MATTHEW A. ROBERSON

February 2020

VOLUME 110, NUMBER 2



04 JAN 2021

The Dynamics of Motivated Beliefs  
*Florian Zimmermann* 337

Outsourcing Education: Experimental Evidence  
from Liberia  
*Mauricio Romero, Justin Sandefur,  
and Wayne Aaron Sandholtz* 364

Factory Productivity and the Concession System  
of Incorporation in Late Imperial Russia,  
1894–1908  
*Amanda G. Gregg* 401

Bargaining and News  
*Brendan Daley and Brett Green* 428

Loss in the Time of Cholera: Long-Run Impact of a  
Disease Epidemic on the Urban Landscape  
*Attila Ambrus, Erica Field, and Robert Gonzalez* 475

A Single-Judge Solution to Beauty Contests  
*Zhen Huo and Marcelo Pedroni* 526

Online Privacy and Information Disclosure by  
Consumers  
*Shota Ichihashi* 569

Strategyproof Choice of Social Acts  
*Eric Bahel and Yves Sprumont* 596



**Editor**  
ESTHER DUFLO

**Coeditors**  
ROLAND BÉNABOU  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA  
DEBRAJ RAY

**Board of Editors**  
NAGEEB ALI  
MANUEL AMADOR  
ISAIAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
LEAH BOUSTAN  
CRAIG BURNSIDE  
ARIEL BURSTEIN  
STEVEN CALLANDER  
ALESSANDRA CASELLA  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPEL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÅRD HARSTAD  
GUIDO IMBENS  
OLEG ITSKHOKI  
ŞEBNEM KALEMLI-ÖZCAN  
LOUKAS KARABARBOUNIS  
NAVIN KARTIK  
BRIAN KNIGHT  
BOTOND KÓSZEGI  
ARVIND KRISHNAMURTHY  
GUIDO LORENZONI  
JENS LUDWIG  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
JONATHAN PARKER  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
JESSE ROTHSTEIN  
EMMANUEL SAEZ  
RAJIV SETHI  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
STEFANIE STANTCHEVA  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED

**Managing Editor**  
STEVEN M. STELLING

**Assistant Managing Editor**  
MATTHEW A. ROBERSON

**March 2020**

**VOLUME 110, NUMBER 3**

The Welfare Effects of Social Media <i>Hunt Allcott, Luca Braghieri, Sarah Eichmeyer, and Matthew Gentzkow</i>	629 04 JAN 2021
Dominant Currency Paradigm <i>Gita Gopinath, Emine Boz, Camila Casas, Federico J. Díez, Pierre-Olivier Gourinchas, and Mikkel Plagborg-Møller</i>	677
Segmented Housing Search <i>Monika Piazzesi, Martin Schneider, and Johannes Stroebel</i>	720
Nondogmatic Social Discounting <i>Antony Millner</i>	760
Endogenous Monitoring in a Partnership Game <i>Anna Sanktjohanser</i>	776
Rural Roads and Local Economic Development <i>Sam Asher and Paul Novosad</i>	797
Maternal Depression, Women's Empowerment, and Parental Investment: Evidence from a Randomized Controlled Trial <i>Victoria Baranov, Sonia Bhalotra, Pietro Biroli, and Joanna Maselko</i>	824
Fiscal Rules, Bailouts, and Reputation in Federal Governments <i>Alessandro Dovis and Rishabh Kirpalani</i>	860
Raising Capital from Heterogeneous Investors <i>Marina Halac, Ilan Kremer, and Eyal Winter</i>	889
The Race to the Base <i>Dan Bernhardt, Peter Buisseret, and Sinem Hidir</i>	922

# THE AMERICAN ECONOMIC REVIEW

## Editor

ESTHER DUFLO

## Coeditors

ROLAND BÉNABOU  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA  
DEBRAJ RAY

## Board of Editors

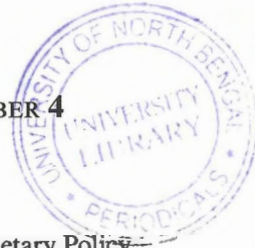
NAGEEB ALI  
MANUEL AMADOR  
ISALAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
LEAH BOUSTAN  
CRAIG BURNSIDE  
ARIEL BURSTEIN  
STEVEN CALLANDER  
ALESSANDRA CASELLA  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPÉL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÅRD HARSTAD  
GUIDO IMBENS  
OLEG ITSKHOKI  
ŞEBNEM KALEMLİ-ÖZCAN  
LOUKAS KARABARBOUNIS  
NAVIN KARTIK  
BRIAN KNIGHT  
BCTOND KÓSZEGI  
ARVIND KRISHNAMURTHY  
GUIDO LORENZONI  
JENS LUDWIG  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
JONATHAN PARKER  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
JESSE ROTHSTEIN  
EMMANUEL SAEZ  
RAJIV SETHI  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
STEFANIE STANTCHEVA  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED

**Managing Editor**  
STEVEN M. STELLING

**Assistant Managing Editor**  
MATTHEW A. ROBERSON

April 2020

VOLUME 110, NUMBER 4



24 DEC 2020

- The New Tools of Monetary Policy  
*Ben S. Bernanke* 943
- Targeted Debt Relief and the Origins of Financial Distress: Experimental Evidence from Distressed Credit Card Borrowers  
*Will Dobbie and Jae Song* 984
- The Effects of Income Transparency on Well-Being: Evidence from a Natural Experiment  
*Ricardo Perez-Truglia* 1019
- Industrial Espionage and Productivity  
*Albrecht Glitz and Erik Meyerson* 1055
- Are Ideas Getting Harder to Find?  
*Nicholas Bloom, Charles I. Jones, John Van Reenen, and Michael Webb* 1104
- Who Acquires Information in Dealer Markets?  
*Jesper Rüdiger and Adrien Vigier* 1145
- Time Discounting and Wealth Inequality  
*Thomas Epper, Ernst Fehr, Helga Fehr-Duda, Claus Thustrup Kreiner, David Dreyer Lassen, Søren Leth-Petersen, and Gregers Nytoft Rasmussen* 1177
- A Theory of Experimenters: Robustness, Randomization, and Balance  
*Abhijit V. Banerjee, Sylvain Chassang, Sergio Montero, and Erik Snowberg* 1206

- Steering the Climate System: Using Inertia to Lower the Cost of Policy: Comment  
*Linus Mattauch, H. Damon Matthews, Richard Millar, Armon Rezai,  
Susan Solomon, and Frank Venmans* 1231
- Steering the Climate System: Using Inertia to Lower the Cost of Policy: Reply  
*Derek Lemoine and Ivan Rudik* 1238

Information on how to submit a manuscript is available online:  
<https://www.aeaweb.org/aer/submissions.php>

It is the policy of the *American Economic Review* to publish papers only if the data used in the analysis are clearly and precisely documented and are readily available to any researcher for purposes of replication. Details of the computations sufficient to permit replication must be provided. The Editor should be notified at the time of submission if the data used in a paper are proprietary or if, for some other reason, the requirements above cannot be met.

**Editor**

ESTHER DUFLO

**Coeditors**

ROLAND BÉNABOU  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA  
DEBRAJ RAY

**Board of Editors**

NAGEEB ALI  
MANUEL AMADOR  
ISAIAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
LEAH BOUSTAN  
CRAIG BURNSIDE  
ARIEL BURSTEIN  
STEVEN CALLANDER  
ALESSANDRA CASELLA  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPÉL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÅRD HARSTAD  
GUIDO IMBENS  
OLEG ITSCHKOKI  
ŞEBNEM KALEMLİ-ÖZCAN  
LOUKAS KARABARBOUNIS  
NAVIN KARTIK  
BRIAN KNIGHT  
BOTOND KŐSZEGI  
ARVIND KRISHNAMURTHY  
GUIDO LORENZONI  
JENS LUDWIG  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
JONATHAN PARKER  
ANTONIO PENTA  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
JESSE ROTHSTEIN  
EMMANUEL SAEZ  
RAJIV SETHI  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
STEFANIE STANTCHEVA  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED

**Managing Editor**

STEVEN M. STELLING

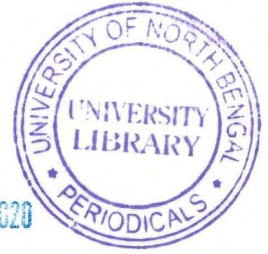
**Assistant Managing Editor**

MATTHEW A. ROBERSON

May 2020

VOLUME 110, NUMBER 5

24 DEC 2020



A Model of Complex Contracts

*Alexander M. Jakobsen* 1243

Heterogeneous Beliefs and School Choice  
Mechanisms

*Adam J. Kapor, Christopher A. Neilson, and  
Seth D. Zimmerman* 1274

Interest Rates under Falling Stars

*Michael D. Bauer and Glenn D. Rudebusch* 1316

Losing Prosociality in the Quest for Talent?  
Sorting, Selection, and Productivity in the  
Delivery of Public Services

*Nava Ashraf, Oriana Bandiera,  
Edward Davenport, and Scott S. Lee* 1355

The Reach of Radio: Ending Civil Conflict  
through Rebel Demobilization

*Alex Armand, Paul Atwell, and Joseph F. Gomes* 1395

Forced Migration and Human Capital:  
Evidence from Post-WWII Population Transfers

*Sascha O. Becker, Irena Grosfeld,  
Pauline Grosjean, Nico Voigtländer, and  
Ekaterina Zhuravskaya* 1430

Learning under Diverse World Views:  
Model-Based Inference

*George J. Mailath and Larry Samuelson* 1464

Do Parents Value School Effectiveness?

*Atila Abdulkadiroğlu, Parag A. Pathak,  
Jonathan Schellenberg, and  
Christopher R. Walters* 1502

Why Special Economic Zones? Using Trade Policy  
to Discriminate across Importers

*Matthew Grant* 1540

Building Nations through Shared Experiences:  
Evidence from African Football

*Emilio Depetris-Chauvin, Ruben Durante, and Filipe Campante* 1572

Information on how to submit a manuscript is available online:  
<https://www.aeaweb.org/aer/submissions.php>

It is the policy of the *American Economic Review* to publish papers only if the data used in the analysis are clearly and precisely documented and are readily available to any researcher for purposes of replication. Details of the computations sufficient to permit replication must be provided. The Editor should be notified at the time of submission if the data used in a paper are proprietary or if, for some other reason, the requirements above cannot be met.

# THE AMERICAN ECONOMIC REVIEW

## Editor

ESTHER DUFLO

## Coeditors

ROLAND BÉNABOU  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA  
DEBRAJ RAY

## Board of Editors

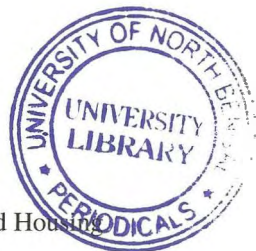
NAGEEB ALI  
MANUEL AMADOR  
ISAIAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
LEAH BOUSTAN  
CRAIG BURNSIDE  
ARIEL BURSTEIN  
STEVEN CALLANDER  
ALESSANDRA CASELLA  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPEL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÁRD HARSTAD  
GUIDO IMBENS  
OLEG ITSKHOKI  
ŞEBNEM KALEMLİ-ÖZCAN  
LOUKAS KARABARBOUNIS  
NAVIN KARTIK  
BRIAN KNIGHT  
BOTOND KŐSZEGI  
ARVIND KRISHNAMURTHY  
GUIDO LORENZONI  
JENS LUDWIG  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
JONATHAN PARKER  
ANTONIO PENTA  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
JESSE ROTHSTEIN  
EMMANUEL SAEZ  
RAJIV SETHI  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
STEFANIE STANTICHEVA  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED

**Managing Editor**  
STEVEN M. STELLING  
**Assistant Managing Editor**  
MATTHEW A. ROBERSON

06 DEC 2021

June 2020

VOLUME 110, NUMBER 6



Mortgage Debt, Consumption, and Illiquid Housing  
Markets in the Great Recession  
*Carlos Garriga and Aaron Hedlund* 1603

Turnover Liquidity and the Transmission  
of Monetary Policy  
*Ricardo Lagos and Shengxing Zhang* 1635

The Elephant in the Room: The Impact of Labor  
Obligations on Credit Markets  
*Jack Favilukis, Xiaoji Lin, and Xiaofei Zhao* 1673

Expert-Captured Democracies  
*Archishman Chakraborty, Parikshit Ghosh,  
and Jaideep Roy* 1713

Social Ties and the Selection of China's Political  
Elite  
*Raymond Fisman, Jing Shi, Yongxiang Wang,  
and Weixing Wu* 1752

Revealed Preferences over Risk and Uncertainty  
*Matthew Polisson, John K.-H. Quah,  
and Ludovic Renou* 1782

Is the Cure Worse than the Disease? Unintended  
Effects of Payment Reform in a Quantity-Based  
Transfer Program  
*Katherine Meckel* 1821

Regulation by Shaming: Deterrence Effects of  
Publicizing Violations of Workplace Safety and  
Health Laws  
*Matthew S. Johnson* 1866

Geographic Dispersion of Economic Shocks: Evidence from the Fracking Revolution: Comment	<i>Alexander G. James and Brock Smith</i>	1905
Geographic Dispersion of Economic Shocks: Evidence from the Fracking Revolution: Reply	<i>James Feyrer, Erin Mansur, and Bruce Sacerdote</i>	1914
Report of Independent Auditor		1921

Information on how to submit a manuscript is available online:  
<https://www.aeaweb.org/aer/submissions.php>

It is the policy of the *American Economic Review* to publish papers only if the data used in the analysis are clearly and precisely documented and are readily available to any researcher for purposes of replication. Details of the computations sufficient to permit replication must be provided. The Editor should be notified at the time of submission if the data used in a paper are proprietary or if, for some other reason, the requirements above cannot be met.

# THE AMERICAN ECONOMIC REVIEW

## Editor

ESTHER DUFLO

## Coeditors

ROLAND BÉNABOU  
SYLVAIN CHASSANG  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA

## Board of Editors

NAGEEB ALI  
MANUEL AMADOR  
ISAIAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
LEAH BOUSTAN  
CRAIG BURNSIDE  
ARIEL BURSTEIN  
STEVEN CALLANDER  
ALESSANDRA CASELLA  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPEL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÅRD HARSTAD  
GUIDO IMBENS  
OLEG ITSKHOKI  
ŞEBNEM KALEMLI-ÖZCAN  
LOUKAS KARABARBOUNIS  
NAVIN KARTIK  
BRIAN KNIGHT  
BOTOND KÓSZEGI  
ARVIND KRISHNAMURTHY  
GUIDO LORENZONI  
JENS LUDWIG  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
JONATHAN PARKER  
ANTONIO PENTA  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
JESSE ROTHSTEIN  
EMMANUEL SAEZ  
RAJIV SETHI  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
STEFANIE STANTCHEVA  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED  
**Managing Editor**  
STEVEN M. STELLING  
**Assistant Managing Editor**  
MATTHEW A. ROBERSON

July 2020

VOLUME 110, NUMBER 7

- Field Experiments and the Practice of Economics  
*Abhijit Vinayak Banerjee* 1937
- Field Experiments and the Practice of Policy  
*Esther Dufo* 1952
- Experimentation, Innovation, and Economics  
*Michael Kremer* 1974
- Risk Premia and the Real Effects of Money  
*Sebastian Di Tella* 1995
- The Competitive Impact of Vertical Integration by  
Multiproduct Firms  
*Fernando Luco and Guillermo Marshall* 2041
- Tax-Exempt Lobbying: Corporate Philanthropy as a  
Tool for Political Influence  
*Marianne Bertrand, Matilde Bombardini,  
Raymond Fisman, and Francesco Trebbi* 2065
- The Production Relocation and Price Effects of US  
Trade Policy: The Case of Washing Machines  
*Aaron Flaaen, Ali Hortaçsu, and Felix Tintelnot* 2103
- Acquiring Information through Peers  
*Bernard Herskovic and João Ramos* 2128
- Relational Contracting, Negotiation, and External  
Enforcement  
*Joel Watson, David A. Miller, and Trond E. Olsen* 2153

Incentivized Kidney Exchange

*Tayfun Sönmez, M. Utku Ünver, and M. Bumin Yenmez* 2198

Home Values and Firm Behavior

*Saleem Bahaj, Angus Foulis, and Gabor Pinter* 2225

Information on how to submit a manuscript is available online:  
<https://www.aeaweb.org/aer/submissions.php>

It is the policy of the *American Economic Review* to publish papers only if the data used in the analysis are clearly and precisely documented and are readily available to any researcher for purposes of replication. Details of the computations sufficient to permit replication must be provided. The Editor should be notified at the time of submission if the data used in a paper are proprietary or if, for some other reason, the requirements above cannot be met.

# THE AMERICAN ECONOMIC REVIEW

## Editor

ESTHER DUFLO

## Coeditors

ROLAND BÉNABOU  
SYLVAIN CHASSANG  
STEFANO DELL'AVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
HENRIK KLEVEN  
THOMAS LEMIEUX  
EMI NAKAMURA

## Board of Editors

NAGEEB ALI  
MANUEL AMADOR  
ISAIAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
AISLINN BOHREN  
LEAH BOUSTAN  
ARIEL BURSTEIN  
STEVEN CALLANDER  
GABRIEL CARROLL  
ALESSANDRA CASELLA  
ARUN CHANDRASEKHAR  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPEL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BARD HARSTAD  
NAGORE IRIBERRI  
OLEG ITSKHOKI  
ŞEBNEM KALEMLI-ÖZCAN  
LOUKAS KARABARBOUNIS  
BRIAN KNIGHT  
BOTOND KÖSZEGI  
ARVIND KRISHNAMURTHY  
QINGMIN LIU  
GUIDO LORENZONI  
JENS LUDWIG  
FILIP MATÉJKA  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
ANTONIO PENTA  
EDUARDO PEREZ-RICHET  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
EMMANUEL SAEZ  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
JUUSO TOIKKA  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED

**Managing Editor**  
STEVEN M. STELLING  
**Assistant Managing Editor**  
MATTHEW A. ROBERSON

26 NOV 2020

August 2020

VOLUME 110, NUMBER 8



- A Behavioral New Keynesian Model  
*Xavier Gabaix* 2271
- Multidimensional Skills, Sorting, and Human  
Capital Accumulation  
*Jeremy Lise and Fabien Postel-Vinay* 2328
- Cities in Bad Shape: Urban Geometry in India  
*Mariaflavia Harari* 2377
- Subsidy Policies and Insurance Demand  
*Jing Cai, Alain de Janvry, and Elisabeth Sadoulet* 2422
- Using Aggregated Relational Data to Feasibly  
Identify Network Structure without Network  
Data  
*Emily Breza, Arun G. Chandrasekhar,  
Tyler H. McCormick, and Mengjie Pan* 2454
- Long-Run Growth of Financial Data Technology  
*Maryam Farboodi and Laura Veldkamp* 2485
- Financial Crises, Dollarization, and Lending of Last  
Resort in Open Economies  
*Luigi Bocola and Guido Lorenzoni* 2524
- Escalation of Scrutiny: The Gains from Dynamic  
Enforcement of Environmental Regulations  
*Wesley Blundell, Gautam Gowrisankaran,  
and Ashley Langer* 2558
- Bartik Instruments: What, When, Why, and How  
*Paul Goldsmith-Pinkham, Isaac Sorkin,  
and Henry Swift* 2586
- Stability and Bayesian Consistency in Two-Sided  
Markets  
*Qingmin Liu* 2625

**Editor**

ESTHER DUFLO

**Coeditors**

ROLAND BÉNABOU  
SYLVAIN CHASSANG  
STEFANO DELLAVIGNA  
LIRAN EINAV  
JEFFREY ELY  
MIKHAIL GOLOSOV  
PIERRE-OLIVIER GOURINCHAS  
CHINHUI JUHN  
HENRIK KLEVEN  
EMI NAKAMURA

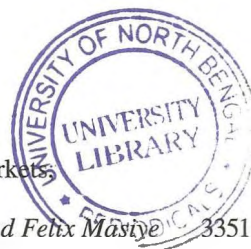
**Board of Editors**

NAGEEB ALI  
MANUEL AMADOR  
ISALAH ANDREWS  
DAVID ATKIN  
NED AUGENBLICK  
EDUARDO AZEVEDO  
MARTHA BAILEY  
HESKI BAR-ISAAC  
DANIEL BENJAMIN  
AISLINN BOHREN  
LEAH BOUSTAN  
ARIEL BURSTEIN  
STEVEN CALLANDER  
GABRIEL CARROLL  
ALESSANDRA CASELLA  
ARUN CHANDRASEKHAR  
SYLVAIN CHASSANG  
ARNAUD COSTINOT  
GORDON DAHL  
GEOFFROY DE CLIPPEL  
MATTHIAS DOEPKE  
FEDERICO ECHENIQUE  
GEORGY EGOROV  
PATRICK FRANCOIS  
MICHAEL GRUBB  
MARINA HALAC  
BÅRD HARSTAD  
NAGORE IRIBERRI  
OLEG ITSKHOKI  
ŞEBNEM KALEMLI-ÖZCAN  
LOUKAS KARABARBOUNIS  
BRIAN KNIGHT  
BOTOND KÖSZEGI  
ARVIND KRISHNAMURTHY  
QINGMIN LIU  
GUIDO LORENZONI  
JENS LUDWIG  
FILIP MATÉJKA  
ELLEN MCGRATTAN  
ALISDAIR MCKAY  
MORITZ MEYER-TER-VEHN  
BRENT NEIMAN  
RYAN OPREA  
PHILIP OREOPOULOS  
JUAN ORTNER  
PIETRO ORTOLEVA  
AMANDA PALLAIS  
ANTONIO PENTA  
EDUARDO PEREZ-RICHET  
FABRIZIO PERRI  
THOMAS PHILIPPON  
RONNY RAZIN  
ESTEBAN ROSSI-HANSBERG  
EMMANUEL SAEZ  
VASILIKI SKRETA  
KATHRYN SPIER  
CHARLES SPRENGER  
JAKUB STEINER  
BRUNO STRULOVICI  
TOMASZ STRZALECKI  
AMIR SUFI  
JUSTIN SYDNOR  
BALÁZS SZENTES  
ALIREZA TAHBAZ-SALEHI  
JUUSO TOIKKA  
FRANCESCO TREBBI  
ALEH TSYVINSKI  
JOHN VAN REENEN  
NICO VOIGTLANDER  
PIERRE YARED  
**Managing Editor**  
STEVEN M. STELLING  
**Assistant Managing Editor**  
MATTHEW A. ROBERSON

06 DEC 2021

November 2020

VOLUME 110, NUMBER 11



Seasonal Liquidity, Rural Labor Markets  
and Agricultural Production  
*Günther Fink, B. Kelsey Jack, and Felix Misy* 3551

Arrival of Young Talent: The Send-Down  
Movement and Rural Education in China  
*Yi Chen, Ziyang Fan, Xiaomin Gu,  
and Li-An Zhou* 3393

Does Information Break the Political Resource  
Curse? Experimental Evidence from  
Mozambique  
*Alex Armand, Alexander Coutts,  
Pedro C. Vicente, and Inês Vilela* 3431

Devotion and Development: Religiosity, Education,  
and Economic Progress in Nineteenth-Century  
France  
*Mara P. Squicciarini* 3454

Gambling over Public Opinion  
*Deepal Basak and Joyee Deb* 3492

From Extreme to Mainstream: The Erosion of  
Social Norms  
*Leonardo Bursztyn, Georgy Egorov,  
and Stefano Fiorin* 3522

Small and Large Firms over the Business Cycle  
*Nicolas Crouzet and Neil R. Mehrotra* 3549

Does When You Die Depend on Where You Live?  
Evidence from Hurricane Katrina  
*Tatyana Deryugina and David Molitor* 3602

Methods Matter: p-Hacking and Publication Bias in Causal Analysis in Economics  
*Abel Brodeur, Nikolai Cook, and Anthony Heyes* 3634

How Well Targeted Are Soda Taxes?  
*Pierre Dubois, Rachel Griffith, and Martin O'Connell* 3661

Information on how to submit a manuscript is available online:  
<https://www.aeaweb.org/aer/submissions.php>

It is the policy of the *American Economic Review* to publish papers only if the data used in the analysis are clearly and precisely documented and are readily available to any researcher for purposes of replication. Details of the computations sufficient to permit replication must be provided. The Editor should be notified at the time of submission if the data used in a paper are proprietary or if, for some other reason, the requirements above cannot be met.

# THE AMERICAN ECONOMIC REVIEW

**Editor**  
 ESTHER DUFLO  
**Coeditors**  
 ROLAND BÉNABOU  
 SYLVAIN CHASSANG  
 STEFANO DELLAVIGNA  
 LIRAN EINAV  
 JEFFREY ELY  
 MIKHAIL GOLOSOV  
 PIERRE-OLIVIER GOURINCHAS  
 CHINHUI JUHN  
 HENRIK KLEVEN  
 EMI NAKAMURA  
**Board of Editors**  
 NAGEEB ALI  
 MANUEL AMADOR  
 ISAAH ANDREWS  
 DAVID ATKIN  
 NED AUGENBLICK  
 EDUARDO AZEVEDO  
 MARTHA BAILEY  
 HESKI BAR-ISAAC  
 DANIEL BENJAMIN  
 AISLINN BOHREN  
 LEAH BOUSTAN  
 ARIEL BURSTEIN  
 STEVEN CALLANDER  
 GABRIEL CARROLL  
 ALESSANDRA CASELLA  
 ARUN CHANDRASEKHAR  
 SYLVAIN CHASSANG  
 ARNAUD COSTINOT  
 GORDON DAHL  
 GEOFFROY DE CLIPPEL  
 MATTHIAS DOEPKE  
 FEDERICO ECHENIQUE  
 GEORGY EGOROV  
 PATRICK FRANCOIS  
 MICHAEL GRUBB  
 MARINA HALAC  
 BÅRD HARSTAD  
 NAGORE IRIBERRI  
 OLEG ITSKHOKI  
 ŞEBNEM KALEMLI-ÖZCAN  
 LOUKAS KARABARBOUNIS  
 BRIAN KNIGHT  
 BOTOND KÖSZEGI  
 ARVIND KRISHNAMURTHY  
 QINGMIN LIU  
 GUIDO LORENZONI  
 JENS LUDWIG  
 FILIP MATÉJKA  
 ELLEN MCGRATIAN  
 ALISDAIR MCKAY  
 MORITZ MEYER-TER-VEHN  
 BRENT NEIMAN  
 RYAN OPREA  
 PHILIP OREOPOULOS  
 JUAN ORTNER  
 PIETRO ORTOLEVA  
 AMANDA PALLAIS  
 ANTONIO PENTA  
 EDUARDO PEREZ-RICHET  
 FABRIZIO PERRI  
 THOMAS PHILIPPON  
 RONNY RAZIN  
 ESTEBAN ROSSI-HANSBERG  
 EMMANUEL SAEZ  
 VASILIKI SKRETA  
 KATHRYN SPIER  
 CHARLES SPRENGER  
 JAKUB STEINER  
 BRUNO STRULOVICI  
 TOMASZ STRZALECKI  
 AMIR SUFI  
 JUSTIN SYDNOR  
 BALÁZS SZENTES  
 ALIREZA TAHBAZ-SALEHI  
 JUUSSO TOIKKA  
 FRANCESCO TREBBI  
 ALEH TSYVINSKI  
 JOHN VAN REENEN  
 NICO VOIGTLANDER  
 PIERRE YARED  
**Managing Editor**  
 STEVEN M. STELLING  
**Assistant Managing Editor**  
 MATTHEW A. ROBERSON

**December 2020**

**VOLUME 110, NUMBER 12**

- Competition and Entry in Agricultural Markets:  
 Experimental Evidence from Kenya**  
*Lauren Falcao Bergquist and Michael Dinerstein* 3705
- Discounts and Deadlines in Consumer Search**  
*Dominic Coey, Bradley J. Larsen, and  
 Brennan C. Platt* 3748
- A Model of Competing Narratives**  
*Kfir Eliaz and Ran Spiegel* 3786
- A Few Bad Apples Spoil the Barrel:  
 An Anti-Folk Theorem for Anonymous  
 Repeated Games with Incomplete Information**  
*Takuo Sugaya and Alexander Wolitzky* 3817
- Screening and Selection: The Case of  
 Mammograms**  
*Liran Einav, Amy Finkelstein, Tamar Oostrom,  
 Abigail Ostriker, and Heidi Williams* 3836
- Missing Events in Event Studies: Identifying the  
 Effects of Partially Measured News Surprises**  
*Refet S. Gürkaynak, Burçin Kısacikoğlu, and  
 Jonathan H. Wright* 3871
- What Makes a Rule Complex?**  
*Ryan Oprea* 3913
- Changing Business Dynamism and Productivity:  
 Shocks versus Responsiveness**  
*Ryan A. Decker, John Haltiwanger,  
 Ron S. Jarmin, and Javier Miranda* 3952
- Detecting Potential Overbilling in Medicare  
 Reimbursement via Hours Worked: Comment**  
*Brett Matsumoto* 3991
- Detecting Potential Overbilling in Medicare  
 Reimbursement via Hours Worked: Reply**  
*Hanming Fang and Qing Gong* 4004

# THE AMERICAN ECONOMIC REVIEW: INSIGHTS

## Editor

AMY FINKELSTEIN

## Coeditors

PETER KLENOW

ROHINI PANDE

LARRY SAMUELSON

## Board of Editors

ALBERTO ABADIE

ANDREW ATKESON

MARCO BATTAGLINI

MARKUS K. BRUNNERMEIER

ERIC BUDISH

PASCALINE DUPAS

JANICE C. EBERLY

PAUL J. HEALY

NATHANIEL HENDREN

HILARY HOYNES

NAVIN KARTIK

TED O'DONOGHUE

AMANDA PALLAIS

ANDRÉS RODRÍGUEZ-CLARE

JESSE SHAPIRO

ANDRZEJ SKRZYPACZ

JÓN STEINSSON

## Managing Editor

GINNY HERBERT

March 2020

VOLUME 2, NUMBER 1

04 367 2020

- The Relation between Behavior under Risk and over Time  
*Anujit Chakraborty, Yoram Halevy, and Kota Saito* 1
- Attention Management  
*Elliot Lipnowski, Laurent Mathevet, and Dong Wei* 17
- Monopsony in Online Labor Markets  
*Arindrajit Dube, Jeff Jacobs, Suresh Naidu, and Siddharth Suri* 33
- Trade Liberalization and Mortality: Evidence from US Counties  
*Justin R. Pierce and Peter K. Schott* 47
- Age and High-Growth Entrepreneurship  
*Pierre Azoulay, Benjamin F. Jones, J. Daniel Kim, and Javier Miranda* 65
- Tax Policy and Local Labor Market Behavior  
*Daniel G. Garrett, Eric Ohrn, and Juan Carlos Suárez Serrato* 83
- Jobs and Matches: Quits, Replacement Hiring, and Vacancy Chains  
*Yusuf Mercan and Benjamin Schoefer* 101
- Do Immigrants Assimilate More Slowly Today than in the Past?  
*Ran Abramitzky, Leah Boustan, and Katherine Eriksson* 125

## Contents

<b>Editorial</b>	7
<b>Articles</b>	
Technology Exports and Global Value Chain Linkages: A Comparative Sectoral Study of India <i>Kashika Arora and Areej Aftab Siddiqui</i>	8
Fisheries Exports of India: A Constant Market Share Analysis <i>Mohd. Fayaz and Mumtaz Ahmed</i>	29
A Dismal Story of Academic Performance of Primary Students in West Bengal, India <i>Debarshi Mandal and Debasish Sarkar</i>	40
Has Social Sector Development Catalysed the Inclusiveness of India's Economic Growth? <i>Vikram Chadha and Ishu Chadda</i>	61
Determinants of Successful Financial Inclusion in Low-Income Rural Population <i>Yashwant Kumar Vaid, Vikram Singh and Monika Sethi</i>	82
An Empirical Analysis of the Environmental Kuznets Curve for River Water Pollution in Uttar Pradesh <i>Aisha Sheikh and Owais Ibni Hassan</i>	101
<b>Research Notes</b>	
Financial Constraints and Global Value Chains Participation of Indian MSMEs <i>Ketan Reddy</i>	118
The Major Factors Influencing on the Growth of Solar Energy Usage in India <i>Jayanta Ghosh, A. Seetharaman and K. Maddulety</i>	122

## **Book Review**

Alex Moazed and Nicholas L. Johnson, *Modern Monopolies: What it Takes to Dominate the 21st Century Economy*

Reviewed by *Aakruti Patel*

129

Visit <http://journals.sagepub.com/home/iej>

Free access to tables of contents and abstracts.

## Contents

Editorial 139

### Articles

Economic Efficiency Measurement of Power Sector Reforms in Haryana Using DEA 141  
*Pradeep S. Chauhan and Geetanjali Singh*

Revisiting Feldstein–Horioka Puzzle: Evidence from SAARC Economies 172  
*P. K. Mishra and S. K. Mishra*

Efficiency of Price Movements in Futures Markets 193  
*James Wanliss*

Investigating the Impact of Exchange Rate Volatility, Inflation and Economic Output on International Trade of India 207  
*Aastha Arora and Sarika Rakhyani*

To Look East or to West? An Analysis of India's Trade Policy from Employment Perspective 227  
*Devasmita Jena*

Human Capital Formation and Economic Growth in Sub-Saharan African Countries: An Empirical Investigation 249  
*Taiwo Akinlo and Olusola Joel Oyeleke*

### Commentary

FDI and Spillovers in India: Any Policy Lessons from Existing Studies? 269  
*Subash Sasidharan*

## **Research Notes**

Corporate Tax Cuts and Fiscal Slippage 281  
*Rajat Deb*

Issues and Challenges of MSP as an Income Enhancement Approach in India 290  
*Chitrasen Bhue and Renbeni Kikon*

## **Book Review**

Arun Kumar. *Demonetization and the Black Economy* 296  
Reviewed by *Sreemanta Sarkar*

Visit <http://journals.sagepub.com/home/iej>  
Free access to tables of contents and abstracts.

## Contents

### Special Issue: COVID 19 and Economy

<b>Editorial</b>	307
<b>Articles</b>	
India's Sectoral Growth Patterns and US\$ 5 Trillion Trajectory: An Empirical Investigation on Macroeconomic Impact of COVID-19 <i>Swapnil Soni and M. H. Bala Subrahmanya</i>	309
Coronavirus, Population and the Economy: A Long-Term Perspective <i>Sarbajit Sengupta</i>	323
India's Response to COVID-19 Crisis <i>Abhay Kumar Jha and Raghendra Jha</i>	341
Impact of COVID-19 on Select Private Consumption Demand in Urban India: A Primary Survey Findings <i>Preksha Mishra and Deeksha Dhanerwal</i>	352
Resetting PPP in Infrastructure Model in India Post-COVID-19 Pandemic <i>Sandeep G. Kudtarkar</i>	365
Optimum Testing Strategy for COVID-19 and Its Effect on Health Expenditure in India: An Experience of the Initial 155 Days of the Pandemic <i>Saswata Ghosh, Arup Kumar Das and Akhilesh Yadav</i>	383
Impact of COVID-19 on Market Risk: Appraisal with Value-at-risk Models <i>Nupur Moni Das and Bhabani Sankar Rout</i>	396

Labour in India and the COVID-19 Pandemic <i>Praveen Jha and Manish Kumar</i>	417
Performance of the Plantation Sector During the COVID-19 Pandemic <i>Vinoj Abraham and Mithesh Madhavan</i>	438
<b>Research Note</b>	
Export Similarity Index as a Barometer of Indian Textiles Exports Competitiveness <i>Kanupriya</i>	457
<b>Book Review</b>	
Dani Rodrik, <i>Economics Rules: Why Economics Works, When It Fails, and How to Tell the Difference</i> Reviewed by <i>Urmi Khatri</i>	465

Visit <http://journals.sagepub.com/home/iej>  
Free access to tables of contents and abstracts.

## Contents

<b>Editorial</b>	475
<b>Articles</b>	
Is It Income Adaptation or Social Comparison? The Effect of Relative Income on Happiness and the Easterlin Paradox in India <i>T. Lakshmanasamy and K. Maya</i>	477
Revisiting the Sustainability of India's Fiscal Deficit <i>Manisha Devi and Amiya Sarma</i>	496
Examining the Relationship Between Electricity Consumption, Economic Growth, Energy Prices and Technology Development in India <i>Geetilaxmi Mohapatra and A. K. Giri</i>	515
Unconventional US Monetary Policy: Impact on the Indian Economy <i>Anshuman Jaswal and Bhavna Ranjan Ahuja</i>	535
Applicability of Human Development Index for Measuring Economic Well-being: A Study on GDP and HDI Indicators from Indian Context <i>G G Sajith and K. Malathi</i>	554
Impact of COVID-19 Pandemic on Labour Supply, Wages and Gross Value Added in India <i>Xavier Estupinan, Sargam Gupta, Mohit Sharma and Bharti Birla</i>	572
Incidence of Communicable and Non-communicable Diseases in India: Trends, Distributional Pattern and Determinants <i>Arvind Kumar Yadav, Kirtti Ranjan Paltasingh and Pabitra Kumar Jena</i>	593
What Ails India's Electronic Manufacturing Industry: An Assessment <i>Sunitha Raju and Raveendra Saradhi</i>	610

Intra-household Bargaining, Son Preference and the Status  
of Women in India 633  
*Abhinav Alakshendra and Dong Li*

### **Commentaries**

Is RCEP a Panacea for India? 659  
*Rajat Deb*

The Wounds of COVID-19 and Responses to the Challenges:  
A Commentary on India's Macroeconomic Scenario 667  
*Vimal Pant and Prachi Pathak*

### **Research Notes**

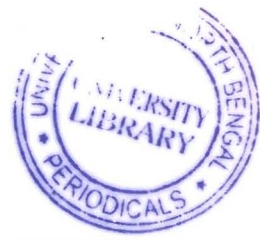
Limited Capacity of Railways for Coal Transportation in India: Evidence from  
ArcGIS-based Load Flow Study 675  
*Rajesh Gupta, Ekaterina Kozyreva, Pavel Chistyakov, Petr Lavrinenko and Igor Smirnov*

Availability and Differential Cost of Credit for Informal Sector Workers:  
Evidences from Madhya Pradesh 685  
*Ghazala A Khan*

### **Book Reviews**

Raghuram G. Rajan, *I Do What I Do* 691  
Reviewed by *Nabendu Paul*

Uma Sarmistha (Ed.), *Transnational Immigrants Redefining Identity and Citizenship* 702  
Reviewed by *Shambhavi Bhushan*



---

Contents

Volume 34 • Number 1 • Winter 2020

---

**Symposia**

04 JAN 2021

*Economics of India*

- Rohit Lamba and Arvind Subramanian, "Dynamism with Incommensurate  
Development: The Distinctive Indian Model" . . . . . 3  
Devesh Kapur, "Why Does the Indian State Both Fail and Succeed?" . . . . . 31  
Amartya Lahiri, "The Great Indian Demonetization" . . . . . 55

*Assimilation of Refugees*

- Timothy J. Hatton, "Asylum Migration to the Developed World: Persecution,  
Incentives, and Policy" . . . . . 75  
Courtney Brell, Christian Dustmann, and Ian Preston, "The Labor Market  
Integration of Refugee Migrants in High-Income Countries" . . . . . 94

*Electricity in Developing Countries*

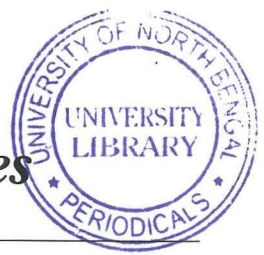
- Kenneth Lee, Edward Miguel, and Catherine Wolfram, "Does Household  
Electrification Supercharge Economic Development?" . . . . . 122  
Robin Burgess, Michael Greenstone, Nicholas Ryan, and Anant Sudarshan,  
"The Consequences of Treating Electricity as a Right" . . . . . 145

**Articles**

- Tito Boeri, Giulia Giupponi, Alan B. Krueger, and Stephen Machin, "Solo  
Self-Employment and Alternative Work Arrangements: A  
Cross-Country Perspective on the Changing Composition of Jobs" . . . 170  
Abhishek Nagaraj and Scott Stern, "The Economics of Maps" . . . . . 196  
Janice Eberly and Michael Woodford, "Emi Nakamura: 2019 John Bates Clark  
Medalist" . . . . . 222

**Feature**

- Timothy Taylor, "Recommendations for Further Reading" . . . . . 240



---

Contents

Volume 34 • Number 2 • Spring 2020

---

24 DEC 2020

**Symposia**

*One Hundred Years of Women's Suffrage*

- Carolyn M. Moehling and Melissa A. Thomasson, "Votes for Women: An Economic Perspective on Women's Enfranchisement" ..... 3
- Elizabeth U. Cascio and Na'ama Shenhav, "A Century of the American Woman Voter: Sex Gaps in Political Participation, Preferences, and Partisanship since Women's Enfranchisement" ..... 24

*Perspectives on Racial Discrimination*

- Mario L. Small and Devah Pager, "Sociological Perspectives on Racial Discrimination" ..... 49
- Kevin Lang and Ariella Kahn-Lang Spitzer, "Race Discrimination: An Economic Perspective" ..... 68

*How Taxes Affect Location Choices*

- Cailin Slattery and Owen Zidar, "Evaluating State and Local Business Incentives" ..... 90
- Henrik Kleven, Camille Landais, Mathilde Muñoz, and Stefanie Stantcheva, "Taxation and Migration: Evidence and Policy Implications" ..... 119

*The Departure of Communism*

- Sascha O. Becker, Lukas Mergele, and Ludger Woessmann, "The Separation and Reunification of Germany: Rethinking a Natural Experiment Interpretation of the Enduring Effects of Communism" ..... 143
- Nicola Fuchs-Schündeln and Matthias Schündeln, "The Long-Term Effects of Communism in Eastern Europe" ..... 172

**Articles**

- Shane Greenstein, "The Basic Economics of Internet Infrastructure" ..... 192
- Ofer H. Azar, "The Economics of Tipping" ..... 215

**Feature**

- Timothy Taylor, "Recommendations for Further Reading" ..... 237

*The Journal of*  
***Economic Perspectives***

---

**Contents**

*Volume 34 • Number 3 • Summer 2020*

---

**Symposia**

***Productivity Advantages of Cities***

- Gilles Duranton and Diego Puga, "The Economics of Urban Density" . . . . . 3
- Stuart S. Rosenthal and William C. Strange, "How Close Is Close?  
The Spatial Reach of Agglomeration Economies" . . . . . 27
- William R. Kerr and Frederic Robert-Nicoud, "Tech Clusters" . . . . . 50
- Gaetano Basso and Giovanni Peri, "Internal Mobility: The Greater  
Responsiveness of Foreign-Born to Economic Conditions" . . . . . 77

***Place-Based Policies***

- Timothy J. Bartik, "Using Place-Based Jobs Policies to Help Distressed  
Communities" . . . . . 99
- Maximilian v. Ehrlich and Henry G. Overman, "Place-Based Policies and  
Spatial Disparities across European Cities" . . . . . 128

***Cities in Developing Countries***

- J. Vernon Henderson and Matthew A. Turner, "Urbanization in the  
Developing World: Too Early or Too Slow?" . . . . . 150
- David Lagakos, "Urban-Rural Gaps in the Developing World: Does Internal  
Migration Offer Opportunities?" . . . . . 174

**Articles**

- Amanda Bayer, Gary A. Hoover, and Ebonya Washington, "How You Can  
Work to Increase the Presence and Improve the Experience of  
Black, Latinx, and Native American People in the Economics  
Profession" . . . . . 193
- Brendan Nyhan, "Facts and Myths about Misperceptions" . . . . . 220
- Josh Lerner and Ramana Nanda, "Venture Capital's Role in Financing  
Innovation: What We Know and How Much We Still Need  
to Learn" . . . . . 237

**Feature**

- Timothy Taylor, "Recommendations for Further Reading" . . . . . 262

*The Journal of*  
***Economic Perspectives***

---

**Contents**

*Volume 34 • Number 4 • Fall 2020*

---

**Symposia**

***How Much Income and Wealth Inequality?***

- Emmanuel Saez and Gabriel Zucman, “The Rise of Income and Wealth Inequality in America: Evidence from Distributional Macroeconomic Accounts” . . . . . 3
- Wojciech Kopczuk and Eric Zwick, “Business Incomes at the Top” . . . . . 27
- Florian Hoffmann, David S. Lee, and Thomas Lemieux, “Growing Income Inequality in the United States and Other Advanced Economies” . . . . . 52

***Economics and Epidemiology***

- Christopher Avery, William Bossert, Adam Clark, Glenn Ellison, and Sara Fisher Ellison, “An Economist’s Guide to Epidemiology Models of Infectious Disease” . . . . . 79
- Eleanor J. Murray, “Epidemiology’s Time of Need: COVID-19 Calls for Epidemic-Related Economics” . . . . . 105

**Articles**

- Frank J. Fabozzi, Robert J. Shiller, and Radu S. Tunaru, “A 30-Year Perspective on Property Derivatives: What Can Be Done to Tame Property Price Risk?” . . . . . 121
- Amy Finkelstein and Nathaniel Hendren, “Welfare Analysis Meets Causal Inference” . . . . . 146
- Till von Wachter, “The Persistent Effects of Initial Labor Market Conditions for Young Adults and Their Sources” . . . . . 168

**Features**

- John Berdell and Thomas Mondschean, “Retrospectives: Regulating Banks versus Managing Liquidity: Jeremy Bentham and Henry Thornton in 1802” . . . . . 195
- Timothy Taylor, “Recommendations for Further Reading” . . . . . 210