

P R E F A C E

Our two main resources are land and water. The great majority of the people are involved in farm related activities. Our engineering skills will be more beneficial to the country if these are directed to designing water resources systems for flood control, irrigation, power generation and for providing clean drinking water. The economic growth of this country is inextricably linked to the water resources development. And it is on the river basins that the people through the ages, noticed or un-noticed, build homes, make love, raise children sing songs, write poetry and even whittle statues.

The present research effort as contained in this report is a humble contribution of this investigator to the water resources development.