

IRRIGATION AND ECONOMIC DEVELOPMENT



Edited by

Dr.S. THEENATHAYALAN

Dr.P. KANNAN



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CHAPTER 27

MINOR IRRIGATION PROJECTS AND ECONOMIC DEVELOPMENT IN TAMIL NADU

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Abstract

The project's primary objective is to promote development in agriculture through increased private investment in minor irrigation improvement. The time factor involved in the execution of irrigation works calls for the greatest consideration. In this paper stated some important minor irrigation projects in TamilNadu. Minor projects comprise a network of dams, bunds, canals and other such schemes. The minor irrigation projects, on the other hand, involve all ground water improvement schemes such as dug wells, private shallow tube wells, deep public tube wells, and boring and deepening of dug wells, and small surface water improvement works such as storage tanks, lift irrigation project and etc. Such projects require substantial financial outlay and are, therefore, construct by the government or any other organization which may draw financial assistance form the government and financial institutions. This paper aims to discuss about minor irrigation projects and economic development in tamilnadu.

Keywords: types of irrigation, minor irrigation, importance of minor irrigation, vision of minor irrigation sector.

Introduction

Research and Development is an integral component of Water Resources Management. This objective of research and development in water resources sector include improvement in technologies to plan, investigate, construct and manage the water resources more efficiently in an optimum, integrated and harmonious manner. The science and technology input in minor irrigation sector mainly consists of scientific approach for survey, investigation, design and construction of minor irrigation projects. In the operation and maintenance stage the scientific input will be required in the form of measured water supply for optimal crop production and higher irrigation efficiency.

Importance of Minor Irrigation

Agriculture is of fundamental importance in India's economy. While investments in agriculture amount to only 11 percent of gross domestic investment, it contributes 28 percent of GDP and generates two third of the employment. It generates some 10 percent of total exports following the economic liberalisation programme which commenced in the early 1990s. The irrigated agriculture contributes nearly 56% of the agriculture output.

About the Editors



Dr.S. THEENATHAYALAN is presently serving as Associate Professor and Head, Department of Economics and Centre for Research in Economics of The Madura College (Autonomous), Madurai, Formerly Member – Syndicate and Member Convener Committee, Madurai Kamaraj University. He has credibly maintained consistent academic records in his post graduate studies with a University Rank. He started his teaching career in July 1991 with a passion for teaching for more than 3 decades. He has produced 11 Ph.Ds, 32 M.Phil and published 15 books.

He was also the organizing secretary of 10 National Seminars, 1 National Conference and 3 International Conferences. In addition, he has delivered 80 plus invited lectures at the UGC HRDC and keynote addresses in Economics in National, International conferences and radio talks. His research contributions are also outstanding. Under his guidance, eleven students got their Ph.D. degrees. 31 M.Phil graduates and many PG students have completed their projects under his guidance. At present, 7 Ph.D Scholars and one post-doctoral fellow are working under him.

He has published 15 books, 34 research papers and reviews in national and international journals of repute. His academic contributions involve membership and chairmanship of Board of Studies of various institutes. He was also recipient of "Best teacher award", "Best NSS Programme Officers Award", "Senior Economists award" and "Eminent Academician award". Besides he served as NAAC Coordinator, IQAC Coordinator and Dean of Academics and Research in the college.



Dr.P. KANNAN graduated from N.M.S.S.V.N. College, Nagamalai, Madurai and took his M.A, M.Phil., Ph.D. from Madurai Kamaraj University. He began his teaching profession from 2000 onwards. He has been serving for more than two decades as Associate Professor, PG Department of Economics and Centre for Research in Economics, The Madura College, (Autonomous) Madurai.

He has been handling Classes from undergraduate to M.Phil levels with greater reliance on insight, lateral thinking inspiration and sagacity. He has organized and participated in quite a few number of National, State level and Regional Seminars, Workshop and Conferences and has contributed articles in research journals of repute. His academic contributions exemplify his ability towards carrying out high quality teaching, research and extension work with focuses understanding, sanctity of thought and liveliness. Being a Research Guide he produced 13 M.Phil candidates. He is effectively affianced with all the college curricular and co-curricular activities.



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