IRRIGATION AND ECONOMIC DEVELOPMENT



Edited by

Dr.S. THEENATHAYALAN
Dr.P. KANNAN

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Contents

Spaces Reference to Dindig & Oil trick

S. No	Title Title	Page No.
100	and the state of t	
1	Drinking Water Accessibility and Connectivity in	1
	Madurai Smart City - An Analysis	
	Dr. S. Theenathayalan & Dr. S. Murugan	
2	Irrigation and Economic Development in Tamil Nadu	5
	with Special Reference to Madurai District	
	Dr. S. Karthikeyan & P. Mohammed Hither Ali	
3	An Empirical Study on Drip Irrigation	
	Dr. K. Kaliammal & A. Poornima	
4	Construction of Check Dam in Madurai for Water	20
	Supply and Water Management	
	Dr. P. Kannan	
5	Water Bodies in Madurai City - A Bird's Eye View	22
	Dr. V. Sriman Narayanan & Dr. R. Senthil Kumar	
6	Urban Water Management in India	
	Professor D. Kavitha Mary	
7	A Study on Water Crisis and Sugar Cane Productivity	30
	in Madurai District	
	Dr. A. Marimuthu & S. Malathi	
8	Irrigation and Food Grains Production in India	34
	Dr. S. Karthikeyan & Dr. S. Senthilkumar	
9	A Study on Utilisation of Modern Irrigation Techniques	39
	in Udumalpet Taluk, Tirupur District	
	Dr. R. Rajini	
10	An Economic Study on Issues and Challenges of	45
	Environmental Management of Water Resources	
	Development in India	
1.34	Dr. S. Meenakshi & Dr. K. Aameena Beevi	
11	Constraints faced by Dairy Farmers while Adopting	53
	Improved Dairy Farming practices in Theni District	
	of Tamil Nadu	
	T. Uvarani & Dr. J. Fredrick	

12	Water crisis in Tamil Nadu: Issues and Challenges with	61
12	Special Reference to Dindigul District	
	J. Indira & Dr. P. Ravichandran	
12	Farmers' Realization towards Drip Irrigation System	67
13	and Flood Irrigation System in Tiruppur District	,
	Dr. J. Geethamani	
14	Drainage and Irrigation Management System in	73
14	Udumalpet Taluk, Tamilnadu Utilising GIS	/3
	C. Sripriya	
15	Different Irrigation Methods in India: Problems and	79
13	Measures	19
	Dr. J. Devika Rani & Dr. S. Sharmeela Banu	
16	Drip and Sprinkler Irrigation Practices in Tamil Nadu	83
10	Dr. A. Kumudha	0.5
17	An Overview on Parambikulam - Aliyar Project (PAP)	87
	Dr. M. Mehar Banu & Mrs. R. Divya Bharathi	0/
18	Sources, Importance, Methods of Agricultural	93
	Irrigation and Economic Development	73
	Dr. S. Karthikeyan & Dr. M. Satheesh Pandian	
19	Significance and Impediments of Drip Irrigation	99
	T. Miruna Devi	
20	A Study on the Operation of Sprinkler Systems	
	Dr. P. Anna Baby	
21	Micro-irrigation: An Efficient Technology for	106
	India's Sustainable Agricultural Growth	100
	Dr. D. Manimozhi	
22	Water Resources of India	
	Dr. J. Jeyalakshmi, Dr. T. Manikandan &	
	Mr. S. Arun	
23	The Major Irrigation Projects in Tamil Nadu	114
	Dr. P. Nermaiselvan	117
24	Water Resource Management in India	119
	Dr. R. Alaguraia	117

25	Agriculture	125	
	rigitoutiale	gal all of the leaves	
(349)	Dr. V. Krishna Kumar		
26	A Study on Area and Methods of Irrigation in	131	
	Tallill Ivadu		
	Dr. P. Jothilakshmi & Dr. K. Javaraman		
27	Triflot Higation Projects and Economic		
	Development in Tamil Nadu	150	
	Dr. S. Theenathayalan & R. Dilipan		
28	A Study on Problems and Prospects in the Adoption of	140	
	Drip Irrigation with Special Reference to Spices	140	
	Crops in Sivagangai District of Tamil Nadu		
	D. P. Narayanasamy		
29	Impact and Effection	145	
	Programmes with Special Reference to Madurai District	143	
	Dr. S. Thangamayan		
30	The Minor and Major Irrigations Projects in Tamil Nadu	149	
	Dr. R. Sarojini & Dr. S. Vijayalakshmi		
31	Impact of Irrigation Method on Agricultural	153	
	Development		
	Dr. P. Anbuoli & Dr. S. Vishnusuba		
32	Impending Water Crisis in Tamil Nadu and comparing	158	
	Clean Water Standards among Metropolitan City		
	R. Premalatha		
33	A Study on Dams and Reservoirs Irrigation in	163	
	Tamilnadu with Special Reference to Manimuthar		
	Dam in Tirunelveli District		
	R. Iyappan		
34	Irrigation in India: Trends and Government Initiatives	168	
	Dr. N. Esakki		
35	Irrigation and Economic Development	172	
	K. Elavarasu		
36	Papanasam Dam - An Overview	181	
	A. Thilagavathy		

37	Industrial Water Use and its Energy Implications	186
38	S. Bhuvaneswari Social and Economic Importance of Water Services in	190
30	the Indian Context	
39	Mr. K. Boopathiraj A Study on Micro – Irrigation with Reference to	196
	Drip Irrigation	
	Dr. Uma Maheshwari	200
40	Rice Production with Drip Irrigation System	200
	D. S. Karthikevan & I. Ramakrishnan	
41	Environmental Impact of Irrigation	203
**	Dr. R. Vaheedha Banu	
42	A Study on Major and Minor Irrigation Projects in	209
	Tamilnadu	
	Dr. S. Karthikeyan & P. Gnanasoundari	
43	Impact of Climate Changes on Irrigation	213
73	M. Manjula & Dr. Regina Mary	

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CHAPTER 10

AN ECONOMIC STUDY ON ISSUES AND CHALLENGES OF ENVIRONMENTAL MANAGEMENT OF WATER RESOURCES DEVELOPMENT IN INDIA

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Abstract

Water is quite possibly the most fundamental characteristic assets for supporting life. Its turn of events and the executives assume an imperative part in agribusiness creation. Coordinated water the board is crucial for neediness decrease, natural food, and reasonable monetary turn of events. Considering the fast expansion in populace, urbanization, and industrialization, the interest for water for meeting different prerequisites is ceaselessly expanding. In this manner, we are confronting various difficulties in the water area, which incorporate lessening per capita water accessibility, the decrease in groundwater table in numerous regions, and saltwater interruption in beach front springs. The nature of surface water and groundwater is additionally decaying a result of expanding toxin loads from different sources. Environmental change may likewise antagonistically influence the accessibility and conveyance of water assets. This article presents economic study on issues and challenges of environmental management of water resources development in India.

Keyword: water, function, importance, agricultural, challenges

Introduction

Water is vital to a portion of the leader programs in India. The modernization of India might be generally reliant on the modernization of its water the executives. This isn't unexpected since India upholds 17% of the worldwide populace yet has just 4% of the world's water assets. Better and more effective utilization of water is a test for Indian horticulture and industry the same. It needs to set new benchmarks in the two towns and in the urban areas. In India, 54% of individuals are subject to cultivating for their business. However, a lot of public pay is just 14%. To make horticulture more profitable and to improve the success of cultivating networks, the Indian government has presented numerous new tasks. These include: 1. 'Har Khet ko Paani' (Water for Every Farm): This requires upgrading the stock and accessibility of water. 2. 'Per Drop, More Crop': This requires utilizing trickle water system and related techniques to improve ranch efficiency while utilizing a similar volume of water. 3. 'Multiplying Farm Incomes by 2022': To accomplish this, the Indian government is quickly extending the territory under water system, and finishing 99 long-forthcoming water system projects. A little over half of these ventures are in dry spell inclined territories.

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

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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.

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