

CONTENTS

The Impacts of Climate Change on Water Stress Situations in the Yellow River Basin, China: J. Mu, Q. Liu, H. F. Gabriel, D. Xu, J. Xu, C. Wu and H. Ren	545
Integration Among Egyptian Governorates to Optimize Irrigation Water use Utilizing Weight Goal Programming Technique: I. El-Gafy	559
Strategic Framework Related to Local, National and Global Constraints of Irrigation Management Transfer: S. A. Heydarian	578
A Study on Some Parameters which can Affect Project Irrigation Efficiency in Irrigation Networks: C. Koç	586
Improving Farmers' Access to Irrigation in the Buffer zone: an Effective Way to Conserve Biodiveristy in the Chitwan National Park: K. R. Adhikari, Y. C. Tan, J. S. Lai, Z. S. Chen and V. S. Mishra	592
Water Productivity of Irrigated Wheat in the Maroon Irrigation Network of Iran: L. Baghaei, A. Kahtoonabadi and F. Mousavi	604
Design of Drip Irrigation System using Microtubes for Full Emission Uniformity: A. Keshtgar, M. A. Bhuiyan and N. Jayasuriya	613
Numerical Simulation and Optimization of Micro-irrigation Flow Regulators Based on FSI: Z. Lili, Y. Peiling, R. Shumei and W. Dan	624
Time Series Analysis of Furrow Infiltration: A. Nasser, M. R. Neyshabari and A. F. Fard	640
Practical Aspects of Irrigation of Biosaline Crops with Saline Water Viewed from a Land and Water use Perspective: F. W. Croon	649
Economic Risk Analysis of Tomato Irrigation Using Desalinated Water by Reverse Osmosis: T. M. Soares, C. D. G. C. Almeida, J. A. Frizzone, E. F. F. Silva and S. N. Duarte	658
Ex Post Performance Evaluation Studies of Kaldiya Medium Irrigation Project in Assam, India: B. C. Kusre, S. C. Patra and B. Dutta	666
Variability in Intensity of Heavy Rainfall Due to Climate Change and its Impact on Paddy Inundation in Low-Lying Areas of Japan: H. Minakawa and T. Masumoto	679
Impact of Pitcher Material and Salinity of Water Used on Flow Rate, Wetting Front Advance, Soil Moisture and Salt Distribution in Soil in Pitcher Irrigation: a Laboratory Study: B. S. Naik, R. K. Panda, S. C. Nayak, S. D. Sharma and A. P. Sahu	687
Le Respect des Droits d'Eau Lors de la Rehabilitation des Perimetres Traditionnels au Maroc: H. Plusquellec and M. Bachri	695
Irrigation and Drainage for Global Food Security: Outcomes of First World Irrigation Forum: A. C. Tyagi	708