

CONTENTS

Groundwater in Irrigation Systems: From Menace to Mainstay: S. Bouarfa and M. Kuper	1
Community Response to Aquifer Development: Distinct Patterns in India's Alluvial and Hard Rock Aquifer Areas: T. Shah	14
Sustainable Groundwater Use in Agriculture: C. A. Madramootoo	26
How Does Unequal Access to Groundwater Contribute to Marginalization of Small Farmers? The Case of Public Lands in Algeria: H. Amichi, S. Bouarfa, M. Kuper, O. Ducourtieux, A. Imache, J.-L. Fusillier, G. Bazin, T. Hartani and F. Chehat	34
When Groundwater Takes Over: Linking 40 Years of Agricultural and Groundwater Dynamics in a Large-Scale Irrigation Scheme in Morocco: M. Kuper, A. Hammani, A. Chohin, P. Garin and M. Saaf	45
Limitation of Agricultural Groundwater Uses in Beauce (France): What are the Impacts on Farms and on the Food-Processing Sector?: C. Lejars, J. L. Fusillier, S. Bouarfa, C. Coutant, L. Brunel and G. Rucheton	54
Envisioning Innovative Groundwater Regulation Policies Through Scenario Workshops in France and Portugal: J.-D. Rinaudo, M. Montginoul, M. Varanda and S. Bento	65
Co-Design of Constructed Wetlands to Mitigate Pesticide Pollution in a Drained Catch-Basin: A Solution to Improve Groundwater Quality: J. Tournebize, C. Gramaglia, F. Birmant, S. Bouarfa, C. Chaumont and B. Vincent	75
Which Water Quality for Which Uses? Overcoming Over-Zealous Use of the Precautionary Principle to Reclaim Wastewater for Appropriate Irrigation Uses: B. Molle, F. Brelle, J. Bessy and D. Gatel	87
Why are there so Few Cooperative Agreements Between Farmers and Water Services in France? Water Policies and the Problem of Land Use Rights: P. Garin and B. Barraqué	95
Convergent Readings of Groundwater Governance? Engaging Exchanges Between Different Research Perspectives: N. Faysse and O. Petit	106
Analysis of the Emergence and Evolution of Collective Action: An Empirical Case of Spanish Groundwater User Associations: M. Rica, E. López-Gunn and R. Llamas	115
Formulation and Implementation of Policies to Deal with Groundwater Overuse in Morocco: Which Supporting Coalitions?: N. Faysse, M. El Amrani, S. El Aydi and A. Lahlou	126