



IRRIGATION AND DRAINAGE

Editor's Choice Articles

The papers shown under Editor's choice have been selected based on their innovative character, as well as on their importance for global food production and improvement of governance with respect to water management systems and flood protection provisions. They illustrate the spectrum and global spreading of topics that are dealt with in *Irrigation and Drainage* as one of the leading journals in the fields of water management and flood protection. The authors belong to the top experts in the sector and are well recognised by their colleagues.

Irrigation in the twenty-first century: reflections on science, policy and society; Roberto Lenton

Integrated water management approaches for sustainable food production; Charlotte De Fraiture, Aynur Fayrap, Olcay Unver and Ragab Ragab

Innovation through research and development for irrigation water management; Gerhard R. Backeberg

Unravelling the spatio-temporal pattern of irrigation development and its impact on Indian agriculture; Shivendra K. Srivastava, Souvik Ghosh, Ashwani Kumar and Pothula S. Brahmanand

Beyond the promises of technology: a review of the discourses and actors who make drip irrigation; Jean-Philippe Venot, Margreet Zwarteveen, Marcel Kuper, Harm Boesveld, Lisa Bossenbroek, Saskia van der Kooij, Jonas Warvoeke, Maya Benouniche, Mostapha Errahj, Charlotte De Fraiture and Shilp Verma

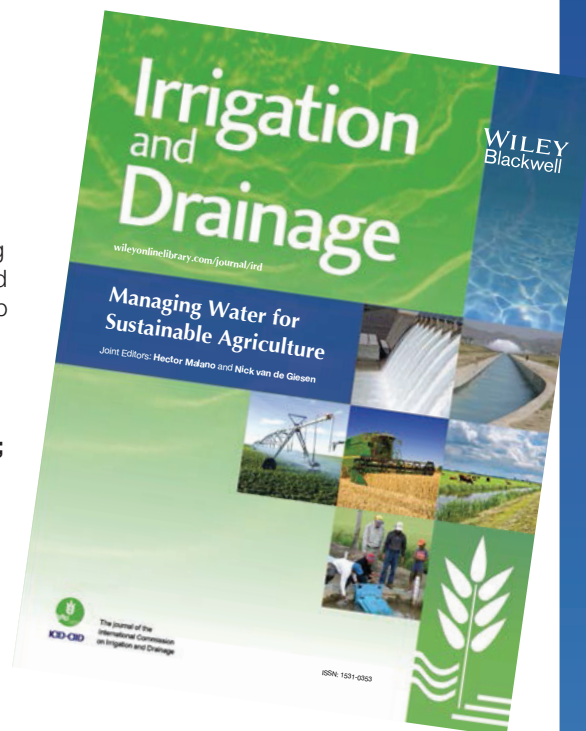
Comparative evaluation of implementing participatory irrigation management in Punjab, Pakistan; A. R. Ghumman, S. Ahmad, H. N. Hashmi and R. A. Khan

European traditional irrigation in transition part II: traditional irrigation in our time - decline, rediscovery and restoration perspectives; Christian Leibundgut and Irene Kohn

Predicting climate change impacts on Maize crop productivity and water use efficiency in the Loess Plateau; Yinhong Kang, Xiaoyi Ma and Shahbaz Khan

Spate irrigation of Barley through floodwater harvesting in the Gareh-Bygone Plain, Iran; Gholamreza Ghahari, Hossein Hashemi and Ronny Berndtsson

Integrated on-farm drainage management for drainage water disposal; James E. Ayars and Richard W.O. Soppe



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Content Highlights

Published on behalf of the International Commission on Irrigation and Drainage (ICID)

Joint Editors:
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Prof. Hector Malano, PhD, MSc

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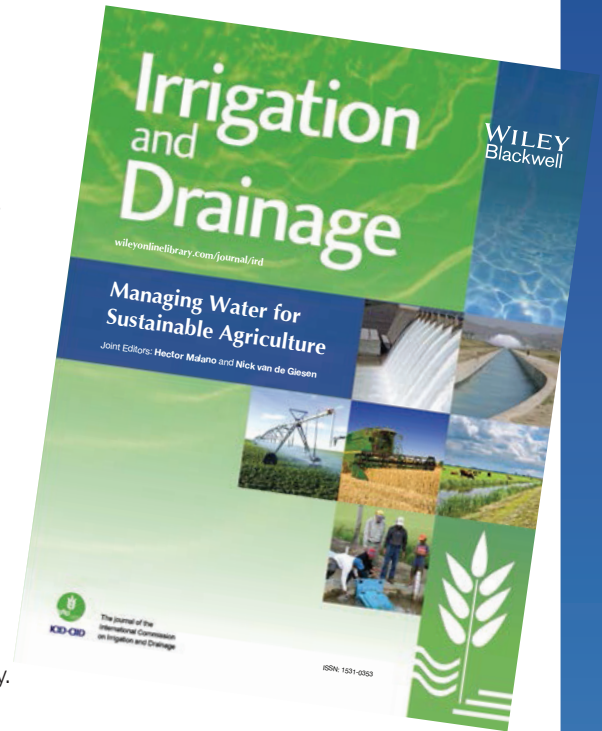
Recently published Supplements and Special Issue:

- Special Issue: 1st World Irrigation Forum, Mardin, Turkey: Irrigation and drainage in a changing world: challenges and opportunities for global food security - April 2014
- Supplement: Soil, water, and vegetation monitoring and modelling. Publication of this supplement was supported by the Honours Centre of Italian Universities (H2CU) and Florida International University.
- Supplement: Sustainable water and land management in tidal areas. Publication of this supplement was supported by the ICID Committees of Japan, Republic of Korea and Chinese Taipei - October 2013

Forthcoming Supplements and Special Issue:

- One Special Issue and two Supplements based on the 22nd ICID Congress, Gwangju, Republic of Korea:
 - selected papers of the 22nd ICID Congress;
 - irrigation, drainage and flood management in Asia;
 - new developments in water management and flood protection in the Republic of Korea.
- Innovations in irrigation systems in Africa.

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