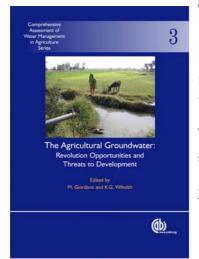


New Book from CABI



The Agricultural Groundwater Revolution

Comprehensive Assessment of Water Management in Agriculture Volume 3.

M Giordano and **K G Villholth**, both at International Water Management Institute, Sri Lanka

January 2007 336 pages Hardback 978 1 84593 172 8

£75.00 (US\$150.00)

Subject Classification: TVB, RBKF Territorial Market Rights: World

Readership:

Researchers in hydrology, irrigation, soils and agricultural economics. Will also appeal to decision makers in agricultural groundwater use as well as water and development in general.

Description:

While addressing the issues of using groundwater in agriculture for irrigation in the developing world, this book discusses the problems associated with the degradation and overexploitation of using it. It explores the practiced and potential methods for its management in the context of agricultural development.

Contents:

- The Agricultural Groundwater Revolution: Setting the stage, *M F Giordano* and *K G Villholth*
- The Groundwater Economy of South Asia: An assessment of size, significance and socio-ecological impacts, *T Shah*, *IWMI-TATA Water Policy Program, India*
- The Development, Challenges and Management of Groundwater in Rural China, J Wang and J Huang both at Centre for Chinese Agriculture Policy, Beijing, China, A Blanke, Q Huang, and S Rozelle, all at University of Califonia, USA
- Rural economic transitions: groundwater use in the Middle East and its environmental consequences, *T Allan, Kings College London & SOAS University of London, UK*
- Sub-Saharan Africa: Opportunistic Exploitation, M Masiyandima, International Water Management Institute, Pretoria, South Africa and M Giordano
- Groundwater in Central America: Its Importance, Development and Use, with Particular Reference to its Role in Irrigated Agriculture, *M Ballester, V Reyes* and *Y Astorga, all at GWP-CA, Costa Rica*
- Community Management of Groundwater, E Schlager, University of Arizona, USA
- Instruments and Institutions for Groundwater Management, K Kemper, World Bank (Water resource Mangement Group), Washington, USA
- When the Well Runs Dry but Livelihoods Continue: Adaptive Responses to Groundwater Depletion and Strategies for Mitigating the Associated Impacts, *M Moench, ISEY*,
- Colarado, USA
- Community Management of Groundwater, E Schlager, University of Arizona, USA

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- When the Well Runs Dry but Livelihoods Continue: Adaptive Responses to Groundwater Depletion and Strategies for Mitigating the Associated Impacts, *M Moench, ISEY, Colorado, USA*
- The Groundwater Recharge Movement in India, *R Sakthivadivel, Chennai, India*
- Energy-Irrigation Nexus in South Asia: Improving Groundwater Conservation and Power Sector Viability, *T Shah, IWMI-TATA Water Policy Program, India C Scott, Maryland, USA, A Kishore, Princeton University, USA* and *A Sharma, Price WaterHouseCoopers, India*
- To Adapt or Not to Adapt: The Dilemma between Long Term Resource Management and Short Term Livelihoods, *S Mudrakartha, VISKAT, Nehru Foundation of Development, India*
- Lessons from Intensive Groundwater Use in Spain: Economic and Social Benefits and Conflicts, *M Ramón Llamas, Complutense University, Madrid, Spain* and A Garrido, Polytechnic University of Madrid, Spain
- Groundwater Management in the High Plains Aquifer in the U.S.: Legal Problems and Innovations, *J Peck, University* of Kansas, USA

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Contents Continued:

- Institutional Directions in Groundwater Management in Australia, H Turral, International Water Management Institute, Sri Lanka and I Fullagar, Charles Stuart University, Canberra, Australia
- Sharing Groundwater Knowledge and Experience on a World-Wide Scale, J Van der Gun, International Groundwater Resources Assessment Centre (ICGRAC), Netherlands
- Groundwater use in a global perspective Can it be managed?, K G Villholth and M F Giordano

Irrigation and Drainage Performance Assessment

Practical Guidelines

M G Bos, International Institute for Land Reclamation and Improvement, Wageningen, The Netherlands, **M A Burton**, ITAD-Water, Hassocks, UK and **D J Molden**, International Water Management Institute, Sri Lanka

April 2005 176 pages Hardback 978 0 85199 967 8

£40.00 (US\$75.00)

Readership: Professionals, researchers and students in water management, irrigation, drainage, soils and agricultural engineering

Description:

This book draws together the growing body of knowledge on irrigation and drainage performance assessment that has been gained over the last twenty years.

"This concise book represents a comprehensive source of recent information on the assessment of irrigation and drainage performance, a subject of immense importance as the world's water supplies for new irrigation schemes become increasingly scarce and existing schemes are threatened by managerial difficulties and degradation processes". *Brennan D Soane, Experimental Agriculture, 42, 2006*

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