

Comprehensive  
Assessment of  
Water Management  
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Series

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## Law and Water Resource Management in Developing Countries

Giordano, J. Butterworth

For domestic and productive uses is to alleviate rural poverty and gender equality in developing countries. While we manage water resources, these have not managed their water and have had. On the other hand, regulations developed and provide incentives for the hierarchical, enforcing power and now bringing together the strengths of participation and the formalized legal in the public sector, water management goals.

Community and formal water laws, chapters in America and Asia and provide valuable for researchers and field implementers.

**Development with identity: Community, Culture and Sustainability in the Andes**

Edited by R.E. Rhoades

2008 352 pages ISBN 978 0 85199 949 4

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Community-based Water Law and Water Resource  
Management Reform in Developing Countries

van Koppen  
Giordano  
Butterworth

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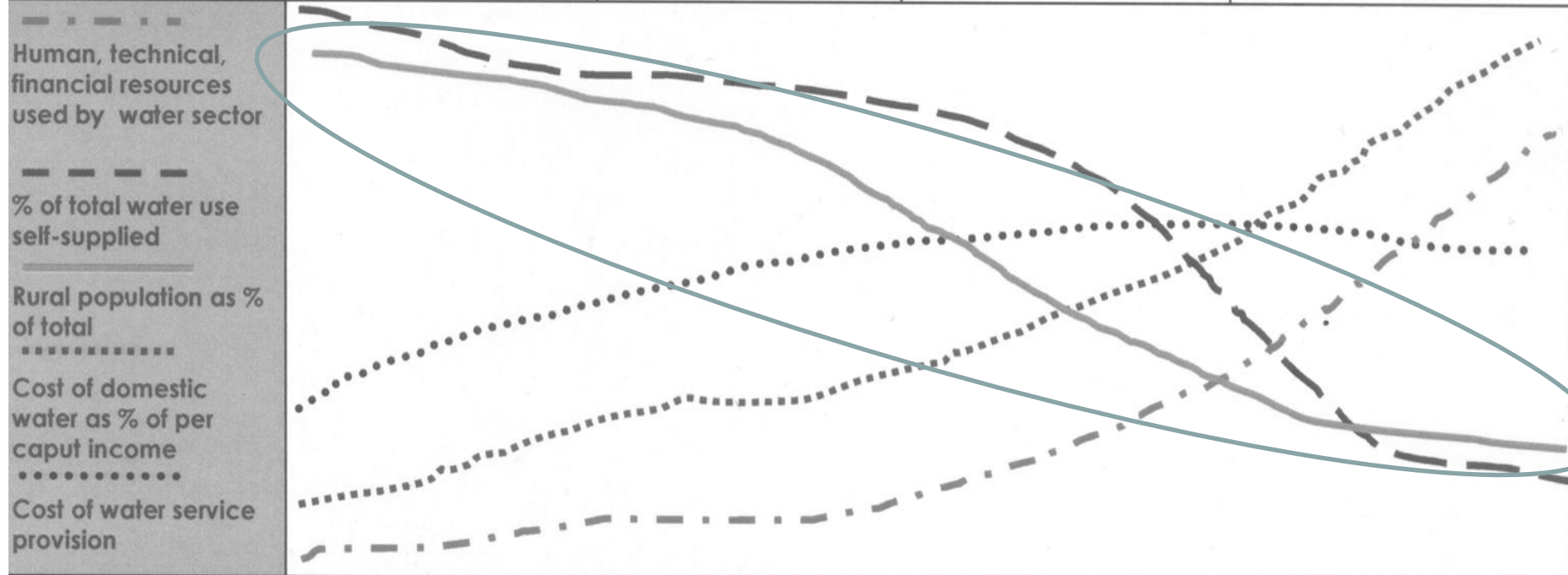


## Community-based Water Law and Water Resource Management Reform in Developing Countries

Edited by

B. van Koppen, M. Giordano, J. Butterworth

	Stage I: Completely Informal	Stage II: Largely Informal	Stage III: Formalizing	Stage IV: Highly Formal Water Industry
% of water users in the formal sector	<5%	5-35%	35-75%	75-95%
Examples	Sub-Saharan Africa	India, Pakistan, Bangladesh	Mexico, Thailand, Turkey, Eastern China	USA, Canada, Western Europe, Australia
Dominant mode of water service provision	Self-supply and informal mutual-help community institutions	Partial Public Provisioning but self-supply dominates	Private-public provisioning; attempts to improve service and manage the resource	Rise of modern water industry; High Intermediation; self-supply disappears



Concerns of the Governments	Infrastructure creation in Welfare Mode	Infrastructure and Water services, especially in Urban areas	Infrastructure and service in towns and villages; Cost recovery; Resource protection	Integrated mgt. of water infrastructure, service and resource; Resource protection
Institutional Arrangements	Self-help; mutual help and feudal institutions dominate	Informal Markets; Mutual help and community management institutions	Organized service providers; self-supply declines; informal institutions decline in significance	Self-supply disappears; all users get served by modern water industry.

# Resources, uses, and institutions; problems and vision

