Special Issue

Water Resources Management Models for Policy Assessment

Message from the Guest Editor

Water resources management models support a variety of research applications, including the assessment of water availability, the allocation of water among competing uses, the evaluation of system performance, the identification of optimal system expansion, and the definition of suitable operating strategies. System analysis tools, like simulation and optimization, have been enriched with novel modelling concepts drawn from social sciences, economic analysis, conflict resolution, agent-based systems, and game theory, among others. The field has evolved from a traditional emphasis on cost–benefit analysis in water resource project investments to a wider scope that includes environmental implications, stakeholder concerns, social welfare, and human dimensions. We face now the challenge of developing integrated[...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Management_Models_Policy

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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