Special Issue

Planning and Operations of Adaptive Multi-Objective Multi-Reservoir Systems

Message from the Guest Editors

This Special Issue calls for original quality papers and contributions on any of the abovementioned tools and approaches applied to a broad range of hydrosystems, especially those derived from actual practice. Included are urban water systems, irrigation systems, hydropower systems, basin-scale water allocation systems, transboundary water systems, etc., where rivers and reservoirs play a significant role, with multiple objectives and robust management systems. We especially welcome articles from practitioners of the various successful methods involving both public and private water systems in addition to discussions of policies that have not worked well and the future challenges as identified by these practitioners.Works in coupled human–natural systems and agent-based modeling approaches applied to river–reservoir systems are also welcome. In order for us to compare various methods on the same problem we have provided a sample data for which some results are available from literature (means and standard deviations are possible benefits for comparison purposes) here: https://doi.org/10.5683/SP2/QEB9LT.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)

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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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