Special Issue

Balancing Competing Demands for Sustainable Water Development

Message from the Guest Editors

This topic delves into the balancing act required to achieve water security for all while ensuring sustainable water resource management for future generations. It explores policy frameworks that integrate the environmental, social, and economic pillars of sustainable development to equitably allocate water across various sectors (agriculture, industry, domestic use, and environment) in the context of SDG 6 (water and sanitation for all). Keywords

- water allocation
- water security
- demand management
- water policy instruments
- water management innovation
- inclusive water governance
- resource nexus
- climate change adaptation
- leak detection and repair
- virtual water trade

Guest Editors

Prof. Dr. Olcay Ünver
Environmental & Resource Management Program, Fulton Schools of Engineering, Arizona State University, Tempe, AZ, USA

Dr. Marianne Kjellén
Human Geography, Stockholm University, Stockholm, Sweden

Dr. Anders Jägerskog
World Bank, Washington, DC, USA

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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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

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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