



water

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Smart Water and the Digital Twin

Guest Editors:

Prof. Dr. Kairong Lin

Dr. Jingwen Zhang

Dr. Pan Yang

Deadline for manuscript
submissions:
closed (28 November 2023)

Message from the Guest Editors

Dear Colleagues,

Recently, smart water systems and the digital twin have represented a hot topic among governments, industries, and researchers. Smart techniques (such as smart data collection, modelling, and real-time controlling) aim to improve traditional experience-based water systems via digital twin models in the virtual world. In this Special Issue, we invite submissions that address problems in smart water systems and the digital twin. Multi-source data from in situ sensors, crowdsourcing participants, unmanned aerial vehicles (UAVs), and satellites can provide different levels of information about water systems. To derive cost-effective and reliable water data, effective multi-source data fusion approaches that combine these datasets must be developed. Modelling papers are invited to improve the representation of all water pathways with mechanisms in water systems[...].

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/0C7FXB22EH



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Special Issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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.

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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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