Special Issue

Sustainable and Robust Water Futures in the Context of Global Change

Message from the Guest Editors

This Special Issue entitled “Sustainable and Robust Water Futures in the Context of Global Change” aims to explore new representations and models, methods and tools for relevant local-scale climate change impact assessments that draw upon the increasing number of global- to continental-scale hydrological models, innovative earth observation and machine-learning-aided methods, and knowledge from local data, models and stakeholders. Climate change impact projections of the hydrological cycle require simulations with coupled hydrologic and climate models, and knowledge-guided machine learning which can be used to enhance the outputs of those models, and to circumvent computational limitations of physically based hydrological models. Studies on indicators and the integrated modelling and monitoring of global change impacts on coastal aquifers or groundwater-dependent or groundwater-associated terrestrial and aquatic ecosystems are also welcomed.

Guest Editors

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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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