# Special Issue

# Water Resources Vulnerability and Resilience in a Changing Climate

### Message from the Guest Editors

Climate change has direct consequences on regional and seasonal variations in hydrological cycles, from changing the severity and frequency of floods to droughts, which intricately affect the availability and quality of fresh water and the ecosystems supported by them. The attributions of projected changes in hydrological variables are complicated because of modifications to fresh water flows arising from climate, water abstractions, and land-use changes. Issues of surface and groundwater vulnerability and resilience in a changing climate requires innovative advances in concepts, frameworks, models, and strategies that provide deliverable knowledge for actions.

This Special Issue welcomes research articles dedicated to providing holistic solutions with systemic pathways for reducing vulnerability and enhancing resilience in all aspects of water resources against climate change. Contributions on impact assessments may include, but are not limited to, developing new frameworks or integrating and applying current models to quantify water vulnerability and resilience in changing climate.

### Guest Editors

Prof. Dr. Ming Hsu Li

Prof. Dr. Ian Holman

Prof. Dr. Ching-pin Tung

### Deadline for manuscript submissions

closed (30 April 2021)

**Water**

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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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# About the Journal

## 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

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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