



water

an Open Access Journal by MDPI



## Surface Water Flood Nowcasting/Forecasting and Emergency Response Decision-Making

Guest Editors:

**Prof. Dr. Jie Yin**

Key Laboratory of Geographic Information Science (Ministry of Education), School of Geographic Sciences, East China Normal University, Shanghai 200241, China

**Prof. Dr. Jun Wang**

Key Laboratory of Geographic Information Science (Ministry of Education), School of Geographic Sciences, East China Normal University, Shanghai 200241, China

**Prof. Dr. Tuo Lin**

Institute of Urban Development, East China Normal University, China

Deadline for manuscript submissions:

**closed (31 December 2018)**

### Message from the Guest Editors

Dear Colleagues,

Surface water flooding is increasingly becoming a frequently occurring natural hazard of great concern for many regions around the world, and possibly a manifestation of the intensified precipitation cycles due to climate change and variability. It has proven to be especially problematic for developing countries. In China, a considerable amount of investment has been directed towards making cities more resilient to surface water flooding and creating the so-called Sponge Cities. Recent advances have been made in the development and application of methodologies for surface water flood modeling/forecasting and emergency service accessibility analysis. However, further efforts should be devoted to systematically examining the potential cascading pluvial flood impacts on emergency provision to vulnerable populations and associated facilities for emergency response decision-making. Here, the purpose of this Special Issue is to invite both applied and theoretical research in the field.

Prof. Dr. Jie Yin  
Prof. Dr. Jun Wang  
Prof. Dr. Tuo Lin  
*Guest Editors*



[mdpi.com/si/15664](https://mdpi.com/si/15664)

# Special Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Jean-Luc PROBST**

ECOLAB, 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

## Contact Us

---

Water Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)