water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 5.8

Mitigation Techniques for Water-Induced Natural Disasters: The State of the Art

Guest Editors:

Prof. Dr. Hongey Chen
National Taiwan University, Taipei, Taiwan/National Science and Technology Center for Disaster Reduction, New Taipei, Taiwan

Dr. Wei-Bo Chen
National Science and Technology Center for Disaster Reduction, New Taipei, Taiwan

Deadline for manuscript submissions:
closed (3 December 2021)

Message from the Guest Editors

In order to improve our capabilities and understandings for management, resilience, monitor, analysis, prediction, forecast, and hindcast of water-induced natural disasters, this Special Issue is intended to collect the latest and state-of-the-art studies on floods, droughts, landslides, storm surges, storm waves, and tsunami disasters. Research focusing on model development and applications using state-of-the-art methods is welcome. We look forward to receiving contributions in the form of research articles and reviews for this Special Issue. Topics include but are not limited to the following:

- Monitor and prediction of natural disaster due to water-induced natural disasters;
- Preparing an emergency evacuation plan for water-induced natural disasters;
- Improving disaster resilience to water-induced natural disasters;
- Statistical and big data analysis for floods, landslides, storm surges, storm waves, and tsunami disasters;
- Artificial intelligence techniques for simulating and predicting water-induced natural disasters;
- Risk assessment of future water-induced natural disasters;
- Numerical method and its applications to water-induced natural disasters.

water

IMPACT FACTOR 3.0

CITESCORE 5.8

an Open Access Journal by MDPI

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

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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI