



water



an Open Access Journal by MDPI

Safety Evaluation of Dam and Geotechnical Engineering, Volume II

Guest Editors:

Dr. Yantao Zhu

College of Water Conservancy and Hydropower Engineering, Hohai University, Nanjing 210098, China

Dr. Rui Pang

Faculty of Infrastructure Engineering, Dalian University of Technology, Dalian 116024, China

Dr. Binghan Xue

Division of Water Conservation and Hydropower Engineering, Zhengzhou University, Zhengzhou 450052, China

Deadline for manuscript submissions:

closed (15 July 2024)

Message from the Guest Editors

Many dams and geotechnical engineering structures are built for hydraulic engineering purposes. Therefore, the safety of dams and geotechnical engineering structures is particularly important when it comes to the normal engineering operation. This Special Issue focuses on the safety evaluation of dams and geotechnical engineering structures in the hydraulics and hydrodynamics field. We would like to invite you to submit your research paper to this Special Issue. Suitable topics include but are not limited to the following:

- (1) Static and dynamic analysis;
- (2) Reliability analysis;
- (3) Risk analysis;
- (4) Seismic analysis;
- (5) Safety precautions;
- (6) Safety monitoring;
- (7) Safety operation;
- (8) Safety evaluation methods.

All aspects related to the safety of dams and geotechnical engineering structures in the hydraulics and hydrodynamics field are included.



mdpi.com/si/l77834

Special Issue



water



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](https://twitter.com/Water_MDPI)