

# Special Issue

## Advances in Dam Engineering

### Message from the Guest Editors

In this Special Issue, we seek high-quality submissions of original research articles as well as review articles on all aspects related to dam engineering that has the potential for practical application. Topics of interest include, but are not limited to:

- Gravity, arch, RCC, CFRD, embankment, and rockfill dams;
- New construction materials and mixture design;
- Material behavior and constitutive models for concrete, soil, and rock;
- Advanced design techniques with optimized geometry;
- Recent case studies and reported dam failures (i.e., lessons learned);
- Dam safety and security, risk-informed decision making, and failure modes;
- Quantification of various hazard sources (e.g., earthquake, flood, aging);
- Advanced numerical analysis techniques;
- Validations and verifications of the existing analysis techniques;
- Monitoring, surveillance, and field measurement methods; and
- Advances in sustainable and resilient dams, as well as socio-economical aspects.

The **Article Processing Charge (APC)** is waived for well-prepared manuscripts submitted before 30 June 2019.

### Guest Editors

Dr. M. Amin Hariri-Ardebili

Dr. Jerzy Salamon

Mr. Guido Mazzà

Prof. Dr. Hasan Tosun

Dr. Bin Xu

### Deadline for manuscript submissions

closed (30 January 2020)



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*Infrastructures*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[infrastructures@mdpi.com](mailto:infrastructures@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published. *Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

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### Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

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