



Advanced Materials and Technology for Resilient Bridge Infrastructures

Guest Editor:

Dr. Armin Mehrabi

Department of Civil and
Environmental Engineering,
College of Engineering and
Computing, Florida International
University, 10555 West Flagler
Street, EC 3602, Miami, FL 33174,
USA

Deadline for manuscript
submissions:

closed (30 June 2019)

Message from the Guest Editor

Bridges occupy a key position in the transportation system that provides for economic and societal lifeline, and especially are important for evacuation, rescue, and recovery efforts before, during, and after extreme events such as hurricanes, earthquakes and other natural or man-made hazards. It is essential that bridges have “resiliency” against adverse effects. Innovative materials and technologies for design and construction of new bridges, and for health monitoring, retrofitting and maintenance decision making of existing bridges are imperative for providing better resiliency. Relevant bridge related topics to be considered include but not limited to:

- Innovative solutions and technologies for design and construction for resiliency
- Evaluating response to ordinary and extreme events
- Solutions for limiting damage to elements that are easily repairable
- Innovative construction and repair materials for better durability and resistance
- Accelerated bridge construction technologies for replacement and repair
- Innovative approaches to health monitoring, assessment, and reliability analysis
- Risk-based decision-making for maintenance, retrofit, and restoration





an Open Access Journal by MDPI

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

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.

Author Benefits

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

High Visibility: indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Civil*) / CiteScore - Q1 (Building and Construction)

Contact Us

Infrastructures Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/infrastructures
infrastructures@mdpi.com