



Maintenance and Rehabilitation of Constructed Infrastructure Facilities

Guest Editor:

Prof. Dr. Hosin “David” Lee

Civil and Environmental
Engineering, Iowa Technology
Institute, 330 South Madison
Street, University of Iowa, Iowa
City, IA 52240, USA

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

This special issue will be produced in conjunction with the second international conference on constructed infrastructure facilities (maireinfra2) in Honolulu, August 16-19, 2023 and click maireinfra2023.org for more information. In the challenging context of climate change, there is a critical need to incorporate resiliency and sustainability in constructing and rehabilitating buildings and infrastructures. Civil infrastructures should be designed with a focus on resilient building materials while emphasizing sustainability aspects of an automated construction, evaluation, and maintenance operations. Resilient and sustainable infrastructures will mitigate the impacts of climate changes on infrastructure performance. It is also essential to preserve the existing infrastructures by developing innovative asset management systems with artificial intelligence and big data analysis techniques. This Special Issue aims to publish high-quality research papers as well as state-of-the-art review articles that focus on resiliency and sustainability aspects in designing, building, and managing infrastructures.





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 (Construction and Building Technology) / 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