



Non-destructive Testing and Evaluation for Civil Infrastructures

Guest Editors:

Dr. Alireza Joshaghani

Texas A and M University, College
Station, TX, USA

Dr. Sattar Dorafshan

Department of Civil Engineering,
University of North Dakota,
Grand Forks, ND, USA

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

A comprehensive structural condition assessment and structural safety of civil infrastructure (bridges, roads, buildings, etc.) is not possible without evaluating the material properties (steel, concrete, timber, masonry, etc.) and detecting surface and subsurface defects. Nondestructive evaluation and testing (NDE and T) methods such as impact echo, ground penetrating radar, ultrasonic surface waves, infrared thermography, etc. have been used for this task for the past half century. Despite decades of effort for NDE and T implementation in structural engineering, though, their applications are still somewhat limited, since the raw data associated with these techniques require user expertise. Introducing automation to NDE and T data analysis could alleviate this issue and would pave the way for more popular implementations of the NDE and T techniques in future.

Dr. Alireza Joshaghani

Dr. Sattar Dorafshan

Guest Editors





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