



A Compendium of the Latest Developments in Operational Modal Analysis of Civil Engineering Structures with Applications

Guest Editors:

Dr. Carlo Rainieri

National Research Council of
Italy, Construction Technologies
Institute, Corso Nicolangelo
Protopisani 70, 80146 Naples,
Italy

Prof. Dr. Carmelo Gentile

Department of Architecture,
Construction Engineering and
Built Environment, Polytechnic
University of Milan, Piazza
Leonardo da Vinci, 32-20133
Milan, Italy

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editors

The 10th International Operational Modal Analysis Conference (IOMAC 2024) represents a forum for the exchange of ideas, knowledge sharing, and technology–need matchmaking in the global OMA community. The theme of the IOMAC 2024 Conference, “Augmented OMA”, reflects the fact that the well-established OMA applicative perspectives and performance can be augmented by applying advanced AI technologies, modeling and optimization tools, as well as innovative data processing approaches. These enlarge the classical domain of OMA towards the development of SHM technologies, digital twins, and innovative assessment procedures. Moreover, new sensing technologies as well as improvements in existing ones provide a significant impulse to the applications. The above considerations confirm that there is a tremendous opportunity to explore new applications of these technologies.

This volume aims to collect selected high-quality papers presented at the 10th International Operational Modal Analysis Conference. For more details about the conference, please visit: <https://iomac2024.com>.





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: CiteScore - Q2 (*Building and Construction*)

Contact Us

Infrastructures Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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