

Special Issue

Critical Infrastructure Resilience Facing Extreme Weather Events

Message from the Guest Editors

In this Special Issue, we solicit high-quality original research articles focused on the state-of-the-art techniques and methods employed in the design, management, and assessment of critical infrastructures' resilience concerning extreme weather events. Topics of interest include but are not limited to:

- Critical infrastructures related to transport, communication, electricity, water, and other supply and service infrastructures;
- New design and assessment of existing structures toward resilience;
- Quantification of extreme weather events influencing, directly and indirectly, the management of infrastructures;
- Recent case studies and reported infrastructures failures;
- Critical infrastructure safety and reliability and risk-informed decision making;
- Advanced numerical analysis techniques and simulation;
- Validations and verifications of the existing analysis techniques;
- Monitoring, surveillance, and field measurement methods;
- Advances in sustainable and resilient critical infrastructures;
- Socioeconomic aspects related to service disruption of critical infrastructures;

Guest Editors

Dr. José Campos Matos

Dr. Hélder S. Sousa

Prof. Dr. Alfred Strauss

Prof. Dr. Emilio Bastidas-Arteaga

Deadline for manuscript submissions

closed (31 August 2023)



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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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