

Special Issue

Advanced Technologies for Climate Resilient Infrastructures

Message from the Guest Editors

This Special Issue aims to bring together the latest research and practical developments related to the use of advanced technologies in designing, monitoring, and managing climate-resilient infrastructures. We welcome contributions that explore innovative methods and tools that help infrastructure systems withstand, adapt to, and recover from extreme weather events and long-term climate stressors. Potential topics include, but are not limited to, the following:

- Intelligent sensing and monitoring;
- Digital technologies for resilience;
- AI techniques for resilience;
- Optimization for resilience management;
- Smart materials and adaptive structures;
- Infrastructure system modeling and assessment;
- Urban sustainability and climate-resilient planning;
- Case studies and real-world applications.

We hope that this Special Issue will serve as a platform for researchers and practitioners to share solutions that will help make infrastructure systems smarter, stronger, and more adaptable in the face of climate change.

Guest Editors

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Editor-in-Chief

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