

Special Issue

Risk Analysis of Infrastructure and Environmental Systems

Message from the Guest Editors

Infrastructures are essential for maintaining social well-being and economic prosperity. Recent studies have shown that such infrastructures influence about 72% of targets set out towards meeting the Sustainable Development Goals. Though climate risks are recognized as a threat to infrastructures there is still a lack of knowledge and tools for quantifying such risks.

This Special Issue will address the challenges of understanding systemic risks to infrastructure systems due to environmental stressors. We invite theoretical, methodological, and quantitative studies that enrich our knowledge and understanding of climate vulnerabilities, risks, and resilience of infrastructure systems. We encourage multi-disciplinary approaches that combine quantitative and qualitative modeling approaches across climate science, infrastructure modeling, and social sciences with a focus on how models can better inform decision-making and policy on climate adaptation of infrastructures.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



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