

Special Issue

Climate Resilience and Sustainability of Interconnected Critical Infrastructures

Message from the Guest Editor

Climate change and extreme events have the potential to substantially affect the lifespan, service levels or even destroy infrastructures. Infrastructures are the backbone for the smooth operation of modern societies; their partial unavailability or complete destruction may result in significant impacts to people, environment, and society as well as devastating economic losses. In addition, infrastructures are inherently interconnected and interdependent systems, and thus, their failure frequently leads to domino effects. This Special Issue aims for contributions relating to all aspects of infrastructures and climate change, such as: (a) assessment of current and dynamically evolving hazards and risks, (b) in-depth knowledge of their vulnerabilities, impacts, and potential cascading effects, also accounting for societal disruption, (c) design and financing sustainable and resilient infrastructures, (d) enhancing defenses to disasters, (e) role of infrastructures in emergency response, (f) integration of strategies for climate change mitigation and long-term adaptation options, and (g) innovative software solutions with high end visualization.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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