



Climate Resilience and Sustainability of Interconnected Critical Infrastructures

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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