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Vulnerability Assessment with Modelling Approaches in Structural Systems

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Message from the Guest Editor

Dear Colleagues,

In the past few decades, cities in the developing world face outstanding economic and human losses due to natural or human-made hazards. Vulnerability assessments of existing buildings, cultural heritage assets, and infrastructures are a crucial part of a risk mitigation methodology to improve the quality of preventive measures, emergency management, and resilience of cities. It is our pleasure to invite you to submit a manuscript for this Special Issue, gathering original research contributions and critical reviews that go beyond the current knowledge in the vulnerability assessment of existing structures by means of experimental, numerical, and analytical investigations. Areas of interest include, but are not limited to: experimental and numerical modeling and analysis of structures; vulnerability assessment of buildings and infrastructures such as bridges, roads, and dams, etc.; developing 3D digital twins of cultural heritage assets etc. For further information about the topics of interest, please visit:

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Prof. Dr. Mahdi Kioumarsi

Guest Editor



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