

Special Issue

Resilience to Earthquake Hazard: Assessments and Frameworks

Message from the Guest Editor

The risk assessment studies try to predict the response of urban systems to natural hazards and to evaluate their preparedness to sustain, respond and recover with the aid of different parameters and tools. It has been noted that the general public is not adequately informed about the possible consequence of a stronger earthquake, which might damage buildings, cut transport lines for medical help and food supply and resulting in long lasting damage. This Special Issue is gathering the contributions dealing with resilience studies of cities and urban systems in the case of earthquake treatment in earthquake prone regions. It tries to collect the existing knowledge and gather new research ideas to develop the tools which enable the quantification of the most needed measures which could deal with realistic resilience assessment from architectural, urban, engineering, technical, economic or social points of view. Especially welcomed are papers which try to determine how to best assess the resilience of urban systems, taking into account all of their components, i.e., both the physical components and the social components, as well as the dynamic interactions between them.

Guest Editor

Prof. Dr. Vojko Kilar

Faculty of Architecture, University of Ljubljana, Zoisova 12, 1000 Ljubljana, Slovenia

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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