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# Seismic Vulnerability Assessment of Reinforced Concrete and **Masonry Structures**

Guest Editors:	Message from the Guest Ed
Dr. Davorin Penava	Dear Colleagues,
Prof. Dr. Lars Abrahamczyk	The seismic vulnerability a
Dr. Zvonko Sigmund	building stock for future sei development of damage pr experiences from past ear patterns and the derivation o from earthquake reconnaiss tests.
Dr. Anna Karatzetzou	
Deadline for manuscript submissions: closed (14 October 2022)	The Special Issue focuses on r buildings and structures such and historical) and reinforce buildings, structural elements It shall support a view on o buildings as well as building structures. The principal object seismic vulnerability assessm



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#### itors

assessment of the existing smic activities relies on the rediction models based on thquakes. Typical damage f damage grades are derived ance reports or laboratory

eliable damage prognosis for h as masonry (contemporary d concrete (frame and wall) s, engineering structures, etc. damage scenarios for single stocks or other engineering ctives of the Special Issue are: nent of buildings, retrofitting and restoration (conservation) of buildings, methods of analysis, detailing rules, interaction phenomena between primary and secondary structural elements, as well as architectural design and detailing.

Prof. Davorin Penava

Prof. Lars Abrahamczyk

Prof. Zvonko Sigmund

Dr. Anna Karatzetzou







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## **Editor-in-Chief**

### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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