

Special Issue

Seismic Reliability Assessment and Advances in Structural Modelling

Message from the Guest Editor

I kindly invite you to submit contributions to this Special Issue, titled “Seismic Reliability Assessment and Advances in Structural Modelling”. Numerical simulation is commonly used to assess structural seismic risk, notwithstanding its high computational burden and the limitations of stochastic models used to generate synthetic ground motions. In the effort to overcome these difficulties, the last decades witnessed a considerable amount of research focussed on the development of approximate affordable alternatives, which are conditional on a seismic intensity measure (IM) and rely on the hazard–fragility split of risk. Contributions focussing on one of these classes of methods, or on the comparison between them, are welcome.

Guest Editor

Dr. Francesco Cavalieri

European Centre for Training and Research in Earthquake Engineering (EUCENTRE), Via Adolfo Ferrata 1, 27100 Pavia, Italy

Deadline for manuscript submissions

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

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Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

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