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Advanced Research in Seismic and Dynamic Engineering for Structures and Infrastructures

Guest Editors:

Dr. Fernando González Vidosa

School of Civil Engineering,
Department of Construction
Engineering, Universidad
Politécnica de Valencia, Valencia,
Spain

Dr. Julián Alcalá González

Campus Camino Vera, Universitat
Politécnica Valencia, 46021
Valencia, Spain

Deadline for manuscript
submissions:
closed (31 January 2024)

Message from the Guest Editors

Dear Colleagues,

Response to general dynamic loading. Analysis of nonlinear structural response. Single and multiple degree of freedom systems. Distributed-parameter systems. Random vibrations. Stochastic response of linear SDOF systems. Analysis of structural response to earthquakes. Deterministic and non-deterministic analysis of earthquake response. Seismic behaviour and design of buildings and foundations. Experimental assessment of seismic performance. Retrofit of buildings. Seismic design of bridges, towers, elevated deposits, roads, railways, dawns, airports, installations, etc.

Dr. Fernando González Vidosa

Dr. Julián Alcalá González

Guest Editors





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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