

Special Issue

New Trends in Earthquake Engineering and Seismotectonics

Message from the Guest Editors

Earthquakes remains unpredictably and then the only way we have to mitigate the effects of strong motion and to reduce damage and loss of life in an earthquake-prone region is the study of the seismic risk. Topics on Earthquake Engineering and Geodynamics are constantly evolving, and new trends are emerging as researchers and practitioners strive to improve the safety and resilience of infrastructures and communities. However, there are also a number of challenges and critical issues that must be addressed. This Special Issue is open to innovative and multidisciplinary contributions from a wide range of methodologies, approaches and case studies for assessing and mitigating earthquake risk. We encourage submissions related to key topics in this field including seismic hazard assessment, seismic site response analysis (focused on site effects, liquefaction, earthquake induced landslides and tsunamis), physics of earthquakes and seismotectonic studies.

- ground shaking
- liquefactions
- earthquake-induced landslides
- tsunami hazards
- soil–structure interaction
- seismotectonics
- earthquake source models
- physics of earthquakes

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2024)



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About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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