



Advances in Seismic Hazard Assessment

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Message from the Guest Editors

Dear Colleagues,

Strong earthquakes occur on a global scale, causing numerous casualties and significant economic losses. The proposed Special Issue, entitled "Advances in Seismic Hazard Assessment", aims to present novel approaches and methods used to assess seismic hazards in different regions with diverse seismotectonic conditions and with variable levels of knowledge of seismic history and geological factors determining earthquake occurrence.

The guest editors invite researchers to present research papers describing results of their studies, as well as review papers on the following topics:

- Probabilistic and deterministic seismic hazard assessment at a country or regional scale;
- Identification of causative faults / zones—basics of seismic hazard assessment;
- Site effects and their consideration for site-specific hazard assessment;
- Paleoseismology and its importance for seismic hazard assessment;
- Physically based and empirical ground motion prediction equations for seismic hazard assessment;
- Seismic scales and relationships between macroseismic intensity and ground motion parameters.

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Special Issue



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Editor-in-Chief

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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.

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