



Aftershocks Analysis

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Deadline for manuscript submissions:

closed (15 June 2022)

Message from the Guest Editor

Dear Colleagues,

While most research on seismicity is concentrated on mainshock earthquakes, it has long been known that seismic sequence, or aftershocks, triggered by such events, are key to understanding the associated geodynamic regime.

This Special Issue of *Geosciences* aims to gather high-quality, original research articles and reviews focused on understanding and analysing aftershocks across both temporal and spatial scales. This will cover topics including, but not limited to, the following:

- Spatiotemporal evolution of aftershocks sequences;
- Focal mechanisms and fault interaction;
- Influence of crustal stress state on the aftershock's behaviour;
- Effects of crustal structure on the distribution of events;
- Seismic–geodetic-coupled monitoring;
- Discrimination between fore-, main-, and aftershocks in complex seismic sequences;
- The separation of seismic events' families based on waveform cross-correlation and characterization.





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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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