



The State-of-Art Methods and Case Studies in Exploration Seismology

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Message from the Guest Editors

Dear Colleagues,

Exploration seismology is a powerful tool for near-surface detection, oil/gas and mineral exploration, geothermal study, and geological disaster early warning. It can provide both high-resolution structural and lithological information after careful and systematic data acquisition, processing, and interpretation. With the rapid development of high-performance computing and the increasing challenges of deep and ultradeep resource exploration and near-surface environmental monitoring, the theory and methods of exploration seismology have made great progress in the past three decades. This Special Issue invites contributions from a broad range of theoretical innovations, optimized methodology, and case studies in exploration seismology.





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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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