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Magnetotelluric Monitoring of Geodynamic Processes

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on magnetotelluric monitoring of the Earth's crust aimed to detect and characterize the geodynamic processes taking place in seismically and volcanically active regions and in areas where crucial systems are located.

During recent years, efforts have been greatly intensified to better understand the physical properties of seismoelectromagnetic signals, accompanying seismic wave fields radiated from earthquakes promoting the installation of permanent MT stations, colocated at seismic stations.

This Issue aims at collecting all research developments related to an extension of MT technique as a monitoring tool combining multidisciplinary approaches applied as electromagnetic times series analysis, geophysical, and geological methods to achieve a better understanding of Earth's electromagnetic environment toward developing innovative monitoring techniques and to provide a comprehensive update of the state of the art relating stress changes in the lithosphere, geohazards, and space weather.

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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 coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased 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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