

# Special Issue

## Tomography in Volcanoes

### Message from the Guest Editor

Presently, the advances in knowledge regarding the inner structure of active volcanoes are due to the increasing number of works focused on seismic tomography studies using different techniques, approaches, and types of seismic waves. We have examples of realistic images obtained from first P-waves onsets, or combining with information from S-waves, using surface waves or seismic noise, among others. At the same time, we complement this information with attenuation studies obtaining 3-D images, or the separation of scattering and intrinsic effects. Additional active and passive seismic sources can be used, and we can compare different approaches to obtain results. In this Special Issue, we encourage you to submit your recent results, obtained from different volcanic areas using different techniques; you can compare different results, methodologies, and volcanic regimes. New theoretical studies or approximations are welcome. This Special Issue is an opportunity to have an open discussion in which your results can be compared to other works.

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### Guest Editor

Prof. Dr. Jesús M. Ibáñez

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### Deadline for manuscript submissions

closed (30 November 2017)



## Geosciences

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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.

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### Editor-in-Chief

Prof. Dr. Alberto G. Fairén

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