

## Special Issue

# Imaging Volcanoes Structure and Activity through Geophysical Advances

### Message from the Guest Editors

Imaging both structure and evolution of volcanoes through time is a real challenge in understanding dynamic processes and therefore eruptive precursors. The goal of Special Issue is to highlight and illustrate recent advanced geophysical methods for characterizing the internal structure and the dynamics of volcanoes toward understanding ongoing and potential eruptions, and improving time-dependent estimation of related hazards. Therefore, we would like to invite you to submit research papers, short communication or reviews about recent work, experimental research or case studies, with respect to the above topic and falling within one of the following domains:

- Recent advances in geophysics dedicated to volcanoes (e.g. potential, seismic measurements - ground, airborne and satellite methods)
- Imaging structures and dynamics of volcanoes at different scales from depth to surface
- Data analysis and modeling (3D modeling, joint inversion)

We also encourage you to approach us by sending a short abstract outlining the purpose of the research and the principal results obtained.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 June 2019)



## 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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