



Submarine Volcanic Hazards: Ancient and Modern Perspectives

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Message from the Guest Editor

Dear Colleagues,

Over 75% of the volcanic activity on Earth occurs underwater; and recent heightened unrest from many submarine volcanoes has raised serious concerns regarding the level of risk posed to local communities. The overall goal of this Special Issue of Geosciences is to evaluate the potential of combining innovative and emerging technologies to enable breakthrough developments in understanding the impact of disastrous submarine volcanic hazards on society.

This Special Issue aims to cover, without being limited to, the following areas:

Identification of submarine volcanic hazards such as: Volcanic eruptions, volcanic earthquakes, submarine landslides, hydrothermal emissions and volcanogenic tsunamis.

Exploration of optimal monitoring technologies and state-of-the-art methods, providing new insights for further exploration and potential exploitation of submarine volcanoes, which are hosting significant hydrothermal deposits, minerals and fauna.

Volcanic crisis management, general public awareness and preparedness, for a better understanding of the hazards and impacts of submarine volcanoes.





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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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