



Remote Sensing for Volcano Systems Monitoring

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Message from the Guest Editors

Understanding the behavior and state of volcano systems represents an efficient and robust tool to reduce the associated hazards. In recent decades, remote sensing techniques have furnished a fundamental contribution in the growth of knowledge of the volcanic behavior and is consequently present in any effective hazards-mitigation program. New research lines are often driven by technological advancements in the development of novel sensors or acquisition platforms. For this reason, processing and complete data fusion of multiparametric, proximal, and remote sensing datasets is crucial for understanding the volcanic processes, increasing the interpretative capacity of the observed volcanic phenomena.

The volume will be favorable to collect studies oriented toward the understanding of several aspects of volcano systems, from the physical characterization of a system to its eruption process, and in proposing adequate multiplatform, multifrequencies, and interdisciplinary data analysis.





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Message from the Editor-in-Chief

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