



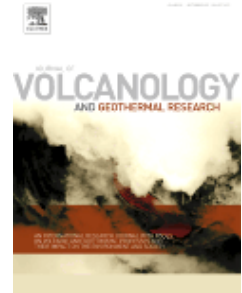
JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH

An International Journal on the Geophysical, Geochemical, Petrological, Economic and Environmental Aspects of Volcanology and Geothermal Research

AUTHOR INFORMATION PACK

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ISSN: 0377-0273

DESCRIPTION

An international research journal with focus on volcanic and geothermal processes and their impact on the environment and society.

[Submission](#) of papers covering the following aspects of volcanology and geothermal research are encouraged:

- (1) Geological aspects of volcanic systems: volcano stratigraphy, structure and tectonic influence; eruptive history; evolution of volcanic landforms; eruption style and progress; dispersal patterns of lava and ash; analysis of real-time eruption observations.
- (2) Geochemical and petrological aspects of volcanic rocks: magma genesis and evolution; crystallization; volatile compositions, solubility, and degassing; volcanic petrography and textural analysis.
- (3) Hydrology, geochemistry and measurement of volcanic and hydrothermal fluids: volcanic gas emissions; fumaroles and springs; crater lakes; hydrothermal mineralization.
- (4) Geophysical aspects of volcanic systems: physical properties of volcanic rocks and magmas; heat flow studies; volcano seismology, geodesy and remote sensing.
- (5) Computational modeling and experimental simulation of magmatic and hydrothermal processes: eruption dynamics; magma transport and storage; plume dynamics and ash dispersal; lava flow dynamics; hydrothermal fluid flow; thermodynamics of aqueous fluids and melts.
- (6) Volcano hazard and risk research: hazard zonation methodology, development of forecasting tools; assessment techniques for vulnerability and impact.

The journal does not accept geothermal research papers not related to volcanism.

AUDIENCE

Volcanologists, petrologists, geochemists, geothermics.

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(1) Geological aspects of volcanic systems: volcano stratigraphy, structure and tectonic influence; eruptive history; evolution of volcanic landforms; eruption style and progress; dispersal patterns of lava and ash; analysis of real-time eruption observations.

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(6) Volcano hazard and risk research: hazard zonation methodology, development of forecasting tools; assessment techniques for vulnerability and impact.

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Green, A., 1991. Deformations in *Acanthaster planci* from the Coral Sea, observed during UEA Special Project 7, July 1978. *Journal of Pollution Research* 14 (7) suppl., CD-ROM, photographic images, 240 MB.
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