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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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.

AUDIENCE

Volcanologists, petrologists, geochemists, geothermics.

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INTRODUCTION

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.
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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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Elbaz-Poulichet, F., Guan, D.M., Martin, J.M., 1991. Trace metal behaviour in a highly stratified Mediterranean estuary: the Krka (Yugoslavia). Mar. Chem. 32, 211-224.

b. Monographs: Names and initials of all authors, year. Title of the monograph. Publisher, location of publisher.

Example:
Zhdanov, M.S., Keller, G.V., 1994. The Geoelectrical Methods in Geophysical Exploration. Elsevier, Amsterdam.

c. Edited volume papers: Names and initials of all authors, year. Title of paper. Names and initials of the volume editors, title of the edited volume. Publisher, location of publisher, first and last page numbers of the paper.

Example:
Thomas, E., 1992. Middle Eocene-late Oligocene bathyal benthic foraminifera (Weddell Sea): faunal changes and implications for ocean circulation. In: Prothero, D.R., Berggren, W.A. (Eds.), Eocene-Oligocene Climatic and Biotic Evolution. Princeton Univ. Press, Princeton, NJ, pp. 245-271.

d. Conference proceedings papers: Names and initials of all authors, year. Title of paper. Name of the conference. Publisher, location of publisher, first and last page numbers of the paper.

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Smith, M.W., 1988. The significance of climatic change for the permafrost environment. Final Proc. Int. Conf. Permafrost. Tapir, Trondheim, Norway, pp. 18-23.

e. Unpublished theses, reports, etc.: Names and initials of all authors, year. Title of item. All other relevant information needed to identify the item (e.g., technical report, Ph.D. thesis, institute, etc.).

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Jones, P., 1996. Research activities at Smith Technology Institute.click here
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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. James, Z., 1997. Ecological effects of sea wall construction during 1994 at Bridlington, UK. List server Message, Eco-list, 20 October 1995.

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