

Special Issue

Volcanic and Tectonic Degassing

Message from the Guest Editors

Volcanoes and geothermal areas emit gaseous volatiles (including water, carbon, sulphur, hydrogen, and halogen) into the atmosphere, both between and during volcanic eruptions. Volcanic outgassing of volatiles is significant as a source of components of the atmosphere across a range of spatial and temporal scales. In this volume, we welcome contributions from researchers working on all aspects of volcanic and tectonic degassing, for example:

- the development of novel instrument techniques or measurement approaches to quantify the composition and flux of volcanic or tectonic gases;
- the best practice approaches to monitoring volcanic gases;
- the best practice approaches to processing/archiving/visualising gas emissions data;
- using volcanic emissions to better understand volcanic processes or volcanic hazards;
- measurements of emissions from little studied volcanoes or sites of tectonic degassing;
- statistical approaches to better extrapolate global fluxes from temporally and spatially limited datasets;
- efforts to reconstruct volcanic gas fluxes through geological time.

Guest Editors

Dr. Antonio Caracausi

Dr. Silvana Hidalgo

Dr. Ryunosuke KAZAHAYA

Dr. Brendan McCormick Kilbride

Dr. Melissa Anne Pfeffer

Deadline for manuscript submissions

closed (31 October 2020)



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



mdpi.com/si/40459

Geosciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
geosciences@mdpi.com

[mdpi.com/journal/
geosciences](https://mdpi.com/journal/geosciences)





Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



[mdpi.com/journal/
geosciences](https://mdpi.com/journal/geosciences)



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.

Editor-in-Chief

Prof. Dr. Alberto G. Fairén

1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q1 (General Earth and Planetary Sciences)