



## Exploring and Modeling the Magma - Hydrothermal Regime

### Guest Editors

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### Deadline

30 November 2019

**Special** Issue

**Invitation to submit**

### Subject: Paper Invitation: [Geosciences] Special Issue "Exploring and Modeling the Magma-Hydrothermal Regime"

Special Issue: Exploring and Modeling the  
Magma-Hydrothermal Regime

Guest Editor: Dr. Alexey Kiryukhin

Submission Deadline: 30 November 2019

Website:

[https://www.mdpi.com/journal/geosciences/special\\_issues/magma\\_regime](https://www.mdpi.com/journal/geosciences/special_issues/magma_regime)

Dear Colleague,

I hope this note finds you well. I write to alert you to what I hope is a significant opportunity for publishing your latest work and stimulating thought in our community.

Recently, inadvertent encounters with magma during geothermal drilling show that the magma-hydrothermal connection is closer than many researchers would have expected. We are only beginning to learn from these serendipitous events. This makes a Special Issue on the magma-hydrothermal connection especially timely.

As **\*Guest Editor\***, I cordially invite you to contribute original papers, rapid communications, technical notes or review articles for consideration and possible publication in a Special Issue on **\*Exploring and Modeling the Magma-Hydrothermal Regime\*** to be published in **\*Geosciences\*** (<http://www.mdpi.com/journal/geosciences>), an open access journal on geoscience, published monthly online by MDPI, indexed by **\*Scopus\*** (citescore 1.97) and **\*ESCI\*** (Web of Science). Please note that for high quality **\*Review\*** papers submitted before 30 June 2019, we can publish your paper **\*free of charge\***.

We invite papers that explore the relationship between magma and hydrothermal fluids. Topics will extend across all mineralogical, petrological, geochemical, volcanological and

geophysical aspects related to magmatic and hydrothermal systems, interpretation of different signals from active magma–hydrothermal regimes, modeling of magma–hydrothermal dynamics, and direct observations of the magma or near-magma environment through drilling. As a whole, the goal of this special issue is to provide a broad perspective of the current state of knowledge of magmatic and hydrothermal processes, in terms of mineralogy, petrology, geochemistry, volcanology and geophysics, as well as introduce new insights for understanding both geothermal energy and volcanic eruption forecasting. Toward that end, we have an editorial team that spans considerable disciplinary and geographic diversity: specialists in volcanology, geothermal reservoirs, experimental petrology, igneous/hydrothermal geology, and rock mechanics from USA, Russia, Italy, Japan, and New Zealand. The deadline for manuscript submission is **\*30 November 2019\*** (but an extension can be granted, if necessary).

*Geosciences* is fully open access. Open access (unlimited and free access by readers) increases publicity and promotes more frequent citations, as indicated by several studies. The cost of open access is supported by the authors and/or their institutes. The total article processing charge (APC) for accepted papers is 850 CHF (Please note that for papers submitted after **30 June 2019** an APC of 1000 CHF applies). You may be entitled to a discount if you have previously received a discount code, for example for reviewing for *Geosciences*, or if your institute is participating in the MDPI Institutional Open Access Program (IOAP). For more information see: <http://www.mdpi.com/about/ioap>. The speed of review and response has not sacrificed quality, and accepted papers are published as, rather than after, the special issue is being assembled.

For further details on the submission process, please see the instructions for authors on the journal website (<http://www.mdpi.com/journal/geosciences/instructions>). Although the distribution of the journal is entirely digital, it will be possible to purchase a book version of the special issue at modest cost.

For planning purposes, it would be helpful if you would let us know whether you would like to: a) accept this invitation, b) will consider accepting it, or c) feel it is not feasible for you to contribute at this time. If you are likely to submit, a tentative title would be helpful as well. We would also be grateful for any suggestions you have as to important themes within the “magma-hydrothermal connection” that we may have overlooked, as well as potential contributors for that theme.

Kind regards,

Dr. Alexey Kiryukhin

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