



## Tracking the Deep Biosphere through Time

Guest Editors:

**Dr. Henrik Drake**

henrik.drake@lnu.se

**Dr. Magnus Ivarsson**

magnus.ivarsson@nrm.se

**Dr. Christine Heim**

cheim@gwdg.de

Deadline for manuscript  
submissions:

**closed (1 December 2019)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks to cover all geobiological aspects of the upper crust (continental and marine) and we invite contributions with relevance to geomicrobiology, isotope geochemistry, microbial-activity-associated geochronology and related geochemical and hydrochemical proxies as well as presentations on new methods, techniques, and experimental approaches in both the modern and ancient crust. We wish to cover a broad spectrum of environments such as ultra-mafic, mafic, and felsic systems, as well as hydrothermal/geothermal areas and sedimentary successions. We encourage contributions related to scientific drilling programs as well as research from underground facilities and deep drillings related to mining activity or nuclear waste disposal, in addition to studies of exposed ancient crust. Astrobiological implications are also encouraged.

Dr. Henrik Drake

Dr. Magnus Ivarsson

Dr. Christine Heim

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO  
(CSIC-UCM), C/ Del Doctor Severo  
Ochoa 7, Edificio  
Entrepabellones 7 y 8, 28040  
Madrid, Spain

## 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.

## Author Benefits

**Open Access:**—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** Indexed in the [Emerging Sources Citation Index \(ESCI - Web of Science\)](#), [Scopus](#) and [other databases](#).

**CiteScore 2019** (Scopus): **2.1**, which equals rank 79/187 (Q2) in the category 'General Earth and Planetary Sciences'.

## Contact Us

---

*Geosciences*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/geosciences](http://mdpi.com/journal/geosciences)  
[geosciences@mdpi.com](mailto:geosciences@mdpi.com)