

## Special Issue

# Lithospheric Heterogeneity Across (Pre-)Phanerozoic Orogens: From Late Cadomian and Cenerian to Alpine Accretion

### Message from the Guest Editors

This Special Issue explores the tectono-magmatic evolution from Avalonian–Cadomian to Alpine stages, focusing on crustal remnants recording these processes. We invite multidisciplinary studies (geochronology, petrology, geophysics) examining: 1) Early basin formation (rifting/back-arc systems), 2) Magmatic controls on sedimentation, 3) Late compressional phases (collision/subduction), 4) Structural overprinting, and 5) Resource/hazard implications. Contributions may address pre-Alpine to Alpine paleogeography and planetary analogs.

---

### Guest Editors

Dr. Darko Spahić

Institute for Multidisciplinary Research, University of Belgrade, Kneza Višeslava 1, 11000 Belgrade, Serbia

Dr. Fabrizio Cocco

Department of Chemical and Geological Sciences, University of Cagliari, Cagliari, Italy

---

### Deadline for manuscript submissions

31 December 2026



## Geosciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.3  
CiteScore 4.4



[mdpi.com/si/243715](https://mdpi.com/si/243715)

*Geosciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[geosciences@mdpi.com](mailto:geosciences@mdpi.com)

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





# Geosciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.3  
CiteScore 4.4



[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 - Q2 (General Earth and Planetary Sciences)