

## Special Issue

# Reconstructing Past Arctic Environments: Climate, Ecosystems, and Depositional Systems

### Message from the Guest Editors

This Special Issue is aimed at compiling a collection of new research developments focusing on reconstructing Arctic environments of the past. We are interested in papers dealing with all aspects of climate, ecosystems, and depositional systems in past Arctic environments, across the spectrum of geologic time. Specifically, we seek interdisciplinary papers that aim to cross sub-disciplinary boundaries and individual research specializations to develop broader insights into Arctic ecosystems on the Earth under different climatic conditions than present. This comprehensive look into past Arctic environments will help to inform the global community on possible future environmental changes as the climate, ecosystems, and landscapes respond to our present warming world.

---

### Guest Editors

Prof. Dr. Paul McCarthy

Department of Geosciences, and Geophysical Institute, University of Alaska Fairbanks, Fairbanks, AK 99775-5780, USA

Dr. Anthony R. Fiorillo

Huffington Department of Earth Sciences, Southern Methodist University, Dallas, TX 75275, USA

---

### Deadline for manuscript submissions

closed (30 November 2023)



## Geosciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.1  
CiteScore 5.1



[mdpi.com/si/111585](https://mdpi.com/si/111585)

*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 2.1  
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)