

## Special Issue

# Geochemical Exploration: From Geochemical Prospecting to Data Digging

### Message from the Guest Editors

Geochemical exploration can be classified into lithochemical, pedochemical, hydrochemical, and biogeochemical methods according to the sampling medium. Such methods have been widely applied in both ore prospecting and environmental evaluation. Data digging is usually used to extract information for the assessment of both mineralization and the environment, using linear, nonlinear, and artificial intelligence methods. This Issue covers innovative research achievements in mineral exploration and environmental assessments in recent years.

---

### Guest Editors

Prof. Dr. Yongqing Chen

School of Earth Sciences and Resources, China University of Geosciences, Beijing 100083, China

Prof. Dr. Xianchuan Yu

School of Artificial Intelligence, Beijing Normal University, Beijing 100875, China

---

### Deadline for manuscript submissions

31 October 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/232350](https://mdpi.com/si/232350)

*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)