



## Geochemical Processes in Soil Ecosystems

Guest Editor:

### Dr. Hui Li

Department of Crop and Soil  
Sciences, North Carolina State  
University, Raleigh, NC 27695,  
USA

Deadline for manuscript  
submissions:

**closed (31 January 2024)**

### Message from the Guest Editor

Geochemical processes that take place in soils play an essential role in regulating the fate and transport of nutrients and contaminants. Geochemical processes also control the stability and bioavailability of nutrients and contaminants that will affect the yield and safety of agricultural products and almost everything that is living in the soil ecosystem. Thus, systematic integration of knowledge about the geochemical processes of nutrients and contaminants, from atomic to global scales and from short-term to long-term, in soils is critical for sustainability of agriculture and the environment.

The aim of this special issue is to highlight research, in multiple scales, into geochemical processes that regulate the fate and transport of nutrients and contaminants in soil ecosystems. In this Special Issue, original research articles, short communications, and reviews are welcome. Research areas may include (but not limited to) the following: critical geochemical processes of nutrients (e.g. C, N and P), abiotic or mineral assisted degradation of organic contaminants, transport and transformation of heavy metals, soil mineralogy, and modeling of large-scale cycles.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
X@Sus\_MDPI