

## Special Issue

# Theory, Model, Technology, and Application of Remote Sensing in Sustainability

### Message from the Guest Editors

Ongoing climate change has induced a series of crises and challenges that are greatly threatening human well-being and natural ecosystem health. The warming, drought, and extreme climatic events can exert strong impacts on food production, human health, environmental safety, and social development. Numerous 'climate-related events' such as floods, storms, landslides, extreme temperatures (like heat waves or freezes), and wildfires adversely impact human society and terrestrial ecosystems remarkably. For aquatic ecosystems, issues such as saltwater intrusion, sea-level rise, damage from coastal storms, wetland degradation, and lake eutrophication are also widely reported globally. Therefore, a timely and continuously monitoring of land-surface changes and internal shifts within ecosystems is of great significance to maintaining the sustainable development of human beings. Looking forward to your contributions. Prof.Dr. Chao Chen Prof.Dr. Jinsong Chen Prof.Dr. Juhua Luo Prof.Dr. Lei Fang

---

### Guest Editors

Prof. Dr. Chao Chen

Prof. Dr. Jinsong Chen

Dr. Juhua Luo

Dr. Lei Fang

---

### Deadline for manuscript submissions

closed (31 December 2023)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



[mdpi.com/si/129079](https://mdpi.com/si/129079)

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

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





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



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



## About the Journal

### 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.

---

### 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

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)