

## Special Issue

# Sustainable Innovations in Natural Resources Management Using Earth Observation Data and Geospatial Technologies

### Message from the Guest Editors

Natural resources are under pronounced pressure resulting from the interactions between human, nature and climate. The human footprint has been extending over the primeval natural environmental landscape, and the equilibrium of the natural system is disturbed via human activities and global warming. Sustainable innovations in natural resources management are vitally necessary and can be achieved using readily available satellite data from affordable sources along with various remote sensing and geographic information system (GIS) techniques. Earth observation (EO) can make a great contribution to both achieving the sustainable development goals (SDGs) and to assess progress toward targets by measuring and monitoring indicators. The present Special Issue aims to explore cross-disciplinary scientific knowledge on the applicability of EO and climate data for monitoring and managing natural resources and potential disasters using the geospatial technologies.

### Guest Editors

Dr. Navneet Kumar

Department of Ecology and Natural Resources Management, Center for Development Research (ZEF), University of Bonn, Bonn, Germany

Dr. Bikash Ranjan Parida

Department of Geoinformatics, School of Natural Resources Management, Central University of Jharkhand, Ranchi, India

### Deadline for manuscript submissions

closed (31 March 2023)



**Sustainability**

an Open Access Journal  
by MDPI

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/117662](https://mdpi.com/si/117662)

*Sustainability*  
Editorial Office  
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 7.7



[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, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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