



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

Guest Editors:

**Dr. Navneet Kumar**

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

navneet2206@gmail.com

**Dr. Bikash Ranjan Parida**

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

bikash.parida@cuja.ac.in

Deadline for manuscript  
submissions:

**31 December 2022**

### Message from the Guest Editors

Dear Colleagues,

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.





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. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many other databases.

**Journal Rank:** [JCR - Q2 \(Environmental Sciences\)](#) / [CiteScore - Q1 \(Geography, Planning and Development\)](#)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
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)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)