



Big Earth Observation Data Analysis for Environment Monitoring

Guest Editors:

Dr. Victor Maus

1. Institute for Ecological
Economics, Vienna University of
Economics and Business, Vienna,
Austria

2. Ecosystem Services and
Management Program,
International Institute for Applied
Systems Analysis, Austria

Dr. Marius Appel

Institute for Geoinformatics,
University of Münster, Münster,
Germany

Deadline for manuscript
submissions:

closed (15 July 2022)

Message from the Guest Editors

Satellite Earth observation (EO) is the most comprehensive and timely source of data to address global environmental challenges. Despite the increasing availability of free and open EO data, environmental information on the continental or global scale has not yet been produced at the same speed. Several computational challenges related to big EO data handling and processing have been tackled recently.

Big EO data analytics provide a unique opportunity to generate new information about and insights into the global environment. However, deriving environmental information with appropriate semantics from big EO data is still a challenge. This Special Issue aims at featuring innovative research that advances big EO data analysis for environmental monitoring. Applications may be related to the whole human Earth system, for example, biodiversity, forestry, agriculture, land-use changes, burning dynamics, and soil degradation.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)