

Special Issue

Assessment of Ecosystem Services Based on Satellite Data

Message from the Guest Editors

Ecosystem services are essential to the functioning of our planet and to human well-being. This Special Issue seeks to showcase the latest research in the assessment of ecosystem services based on satellite data. Topics of interest for this Special Issue include, but are not limited to, the following:

- Applications of remote sensing data for mapping and monitoring ecosystem services;
- Use of satellite data for modeling and predicting ecosystem services;
- Case studies demonstrating the use of satellite data in ecosystem service assessments;
- Development and validation of satellite-based methods for assessing ecosystem services;
- Integration of satellite data with hydrological and ecological models;
- Assessing the impacts of climate change and land use/land cover change on ecosystem services using satellite data;
- Applications of ecohydrological concepts to the assessment of ecosystem services;
- Monitoring of water environment changes using remote sensing data;
- Papers that present innovative approaches, methods, or technologies for the assessment of ecosystem services are especially welcome.

Guest Editors

Prof. Dr. Zengxin Zhang

Dr. Zheng Duan

Dr. Komal Choudhary

Deadline for manuscript submissions

closed (20 June 2024)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/174124

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



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



About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)