



Assessment of Ecosystem Services Based on Satellite Data

Guest Editors:

Prof. Dr. Zengxin Zhang

State Key Laboratory of
Hydrology-Water Resources and
Hydraulics Engineering, Hohai
University, Nanjing 210098, China

Dr. Zheng Duan

Department of Physical
Geography and Ecosystem
Science, Lund University, S-22362
Lund, Sweden

Dr. Komal Choudhary

Department of Land Surveying
and Geo-Informatics, Hong Kong
Polytechnic University, Kowloon,
Hong Kon, China

Deadline for manuscript
submissions:

closed (20 June 2024)

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.





an Open Access Journal by MDPI

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

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.

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, Grosspeteranlage 5
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)