Special Issue

Application of Nighttime Remote Sensing in Achieving the Sustainable Development Goals

Message from the Guest Editors

The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. Remote sensing communities are committed to achieving SDGs because remote sensing techniques are essential tools to make sustainable development a reality at the local level. In particular, China has successfully launched a Sustainable Development Science Satellite (SDGSAT-1) – the world's first scientific satellite towards SDGs. SDGSAT-1 is promising for a variety of SDG applications. Therefore, this Special Issue aims to discuss the latest theories and advanced methods of nighttime remote sensing in achieving SDGs. We would like to invite you to submit original research that fits the aims and scope of this Special Issue. Potential subtopics include, but are not limited to:

- Quantification methods of SDG indicators
- Scenario simulation towards SDGs
- Artificial intelligence in achieving SDGs
- Urban carbon emission and energy conservation
- Sustainable urban form for climate change adaption
- Implications of land use/cover changes on the environment
- Urban resilience and vulnerability against COVID-19
- Smart growth of land use and ecological conservation

Guest Editors

Dr. Jinyao Lin

School of Geographical Sciences, Guangzhou University, Guangzhou 510006, China

Dr. Jinpei Ou

School of Geography and Planning, Sun Yat-sen University, Guangzhou, China

Deadline for manuscript submissions

closed (30 April 2025)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/172925

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

About the Journal

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.

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

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)