

## Special Issue

# Advanced Satellite-Terrestrial Networks

### Message from the Guest Editors

This Special Issue aims at collecting new developments and methodologies, best practices, and applications of satellite-terrestrial networks for 5G and beyond. We welcome submissions which provide the community with the most recent advancements on all aspects of satellite-terrestrial networks, as detailed in the list of keywords below.

- Standardization issues and trends for satellite-terrestrial networks
- Satellite systems as a non-terrestrial network (NTN) component of the IMT system
- Satellite IoT
- Mobile satellite services
- Satellite network architecture including multiple layers (GEO/MEO/LEO/HAPs/UAVs)
- Traffic engineering issues and joint radio resource management
- Routing in the sky
- QoS support 5G KPIs
- Protocol integration
- New technologies and methods to meet the 5G KPIs

### Guest Editors

Prof. Dr. Sooyoung Kim

Div. of Electronics Eng., Jeonbuk National University, Jeonju, Korea

Prof. Dr. Giovanni Giambene

Faculty of Engineering, University of Siena, Siena, Italy

### Deadline for manuscript submissions

closed (30 April 2021)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/54878](https://mdpi.com/si/54878)

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