



an Open Access Journal by MDPI

## Earth Observation from KOMPSAT Optical, Thermal and Radar Satellite Images

Guest Editors:

### Dr. Kwang-Jae Lee

Korea Aerospace Research  
Institute, 169-84 Gwahak-ro,  
Yuseong-gu, Daejeon 34133,  
Korea

### Dr. Tae-Byeong Chae

Korea Aerospace Research  
Institute, 169-84 Gwahak-ro,  
Yuseong-gu, Daejeon 34133,  
Korea

### Prof. Dr. Hyung-Sup Jung

Department of Geoinformatics,  
University of Seoul, Seoul 130-  
743, Republic of Korea

Deadline for manuscript  
submissions:

**closed (30 September 2020)**

### Message from the Guest Editors

In this Special Issue, we invite original research articles addressing the state-of-the-art remote sensing technologies and methods using the KOMPSAT images. Both experimental and theoretical/simulated results will be welcomed to this Special Issue. Potential topics include but are not limited to:

- KOMPSAT high resolution optic, SAR, MIR (middle-wave infra-red) image processing;
- KOMPSAT image restoration and image quality improvement;
- Geospatial data models of KOMPSAT images;
- Application and innovative use of KOMPSAT sensor techniques;
- Multisensor integration and applications of KOMPSAT images;
- KOMPSAT Image processing algorithm and systems;
- Geospatial information extraction and data mining of KOMPSAT images;
- Real-time emergency support systems and applications;
- Change detection, target detection, and target recognition of KOMPSAT images;
- KOMPSAT sensor modeling and mapping;
- KOMPSAT image classification and segmentation;
- AI, deep learning, and big data analysis of KOMPSAT images;
- Time series analysis using KOMPSAT images.



[mdpi.com/si/29964](https://mdpi.com/si/29964)

Dr. Kwang-Jae Lee

Dr. Tae-Byeong Chae

Prof. Dr. Hyung-Sup Jung

# Special Issue



*remote*

IMPACT  
FACTOR  
4.2

CITESCORE  
8.3

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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)