## Advances in Deep Learning Approaches in Remote Sensing

Guest Editors:

**Dr. Xiaobo Liu**

**Dr. Yaoming Cai**

**Prof. Dr. Pedram Ghamisi**

Deadline for manuscript submissions:
**closed (15 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to investigate the cutting-edge applications of deep learning in remote sensing. We invite research contributions and surveys in this area. Potential topics may include, but are not limited to, the following:

- Deep learning techniques for feature extraction of remote sensing data;
- Deep learning approaches for land cover and scene classification and clustering;
- Multimodal deep learning and the fusion of multimodal remote sensing data;
- Geometric deep learning for hyperspectral image processing;
- Super-resolution reconstruction based on deep learning methods;
- Change and object detection using deep learning methodologies;
- Self-/un-/semi-/supervised methods for interpretation of remote sensing data;
- Semantic segmentation of remote sensing images;
- New remote sensing datasets

Special Issue

## 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