



Deep Learning for Target Object Detection and Identification in Remote Sensing Data

Guest Editors:

Dr. Yu Meng

Dr. Wei Li

Prof. Dr. Turgay Celik

Dr. Anzhi Yue

Deadline for manuscript
submissions:

closed (31 December 2017)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on target object detection and identification using deep learning architectures on multi-source and multi-modal remote sensing data captured from both active and passive sensors onboard airborne or spaceborne platforms. The Special Issue will include the following topics, specifically designed for target object detection and identification from remote sensing data, but not limited to them:

- Feature extraction
- Feature design
- Feature learning
- Design of deep learning architectures
- Theory of deep learning architectures
- Efficient training of deep learning architectures
- Deep convolutional networks
- Efficient object search methods on remote sensing images

Dr.Yu Meng

Dr. Wei Li

Dr. Turgay Celik

Dr. Anzhi Yue

Guest Editors





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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)