

Special Issue

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

Message from the Guest Editors

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

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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.

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