

Special Issue

Advances in Object-Based Image Analysis—Linked with Computer Vision and Machine Learning

Message from the Guest Editors

The combination of object-based image analysis (OBIA) and deep learning (DL) represents an exciting area of research and has the potential to boost the precision of many practical applications to ground-breaking performances. In this Special Issue, we welcome submissions that offer the most recent advancements in deep learning and object-based image analysis for processing and analysing remotely sensed imagery. The topics of interest include but are not limited to the following:

- Semantic segmentation;
- Land cover and land use classification;
- Change detection;
- Deep convolutional neural networks (CNN) and other classification techniques;
- Object-based change detection and monitoring methods;
- Deep learning for data integration and sensor fusion;
- Cloud computing and Big Earth Data in deep learning and OBIA;
- Applications of deep learning and OBIA in remote sensing.

Guest Editors

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Prof. Dr. Peter M. Atkinson

Dr. Huapeng Li

Deadline for manuscript submissions

closed (1 December 2021)



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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.

Editor-in-Chief

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