Special Issue

Deep Learning for Remote Sensing Data

Message from the Guest Editors

This Special Issue on "Deep Learning for Remote Sensing Data" aims to capture recent advances and trends in exploiting deep learning for complex remote sensing data analysis tasks. The Special Issue welcomes contributions towards both theoretical advancements of the deep learning framework in the context of remote sensing, as well as application of this technology to remote sensing data. The topics of interest include but are not limited to:

- Deep learning for remote sensing image processing, e.g., pan-sharpening, super-resolution;
- Remote sensing data analysis with deep learning;
- Specialized network architectures and deep learning algorithms for remote sensing data;
- Transfer learning and cross-domain learning;
- Real and synthetic remote sensing data generation;
- Multimodality data fusion with deep models;
- Pixel-level and subpixel-level classification, e.g., hyperspectral unmixing, segmentation.

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Message from the Editorial Board

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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