Special Issue

Advances in Deep Fusion of Multi-Source Remote Sensing Images

Message from the Guest Editors

The multi-source data promote a broad application of remote sensing in many fields, such as environmental monitoring, smart agriculture, intelligent transportation, etc. Multi-source data fusion is highly valuable to compensate for the information acquisition defects of a single sensor, and it helps enhance our comprehensive and effective perception of complex scenes. This Special Issue aims to study the advances of multi-source remote sensing data fusion to improve the quality and credibility of multi-source data. Articles may address, but are not limited to, the following topics:
Review of multi-source image fusion;
Advanced processing methods of remote sensing images;
Advanced remote sensing image augmentation methods concerning insufficient or imbalanced training data;
Advanced deep fusion methods of multi-source remote sensing images;
Supervised, weak supervised, or unsupervised representation learning methods for remote sensing images;
Application of remote sensing image fusion;
Light-weight fusion networks for remote sensing image fusion.

Guest Editors

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Deadline for manuscript submissions

closed (15 February 2025)

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About the Journal

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.

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