

Special Issue

Recent Progress in UAV-AI Remote Sensing

Message from the Guest Editors

This Special Issue aims at studies covering uses of AI techniques to interpret data obtained by different UAV sensors. Research about the integration of multisource, multitemporal, or multiscale UAV imageries (e.g., multispectral, hyperspectral, thermal, LiDAR, etc.), and multiple AI fields such as deep learning, reinforcement learning, and federated learning, aimed at tackling the challenges or bottleneck problems from various fields are welcome. Articles may address, but are not limited, to the following topics:

- Data processing (multispectral, hyperspectral, thermal, LiDAR, etc.)
- Real-time object detection, counting, segmentation and tracking
- Change detection in land, forest, grass
- Pests, disease, and other disasters monitoring
- AI algorithms for UAV data
- UAV-AI system development
- UAV-AI applications

Guest Editors

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Deadline for manuscript submissions

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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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