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Techniques and Applications of Remote Sensing, Synthetic Aperture Radar (SAR), and Optical Imaging in Diverse Domains

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Deadline for manuscript submissions:

closed (6 July 2024)

Message from the Guest Editor

The advancements in remote sensing, Synthetic Aperture Radar (SAR), and optical imaging technologies have sparked a revolution in how we observe and analyze the Earth's surface and beyond. This progress has opened new horizons and presented unparalleled opportunities for understanding our planet and addressing a myriad of challenges. In this Special Issue, we aim to highlight the cutting-edge techniques and multifaceted applications of these technologies.

We encourage contributions that is through topics that include, but are not limited to:

- Advances in remote sensing platforms, sensors, and imaging techniques.
- Super-resolution imaging techniques for enhancing spatial details in remote sensing.
- Applications of remote sensing in environmental monitoring, management, and climate change studies.
- Land cover and land use classification using remote sensing data, incorporating deep learning approaches.
- Object detection and recognition in SAR and optical images through deep learning techniques.
- Image fusion techniques for integrating SAR and optical data in remote sensing applications.



mdpi.com/si/178273

Special Issue



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Message from the Editor-in-Chief

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