

Special Issue

Image Formation, Super-Resolution, Deblurring, and Feature Enhancement for Satellite Remote Sensing

Message from the Guest Editors

The recent development of satellite remote sensing has improved our ability to observe and analyze Earth's dynamic systems. High-quality satellite imagery is very important for many applications, such as climate change monitoring, precision agriculture, disaster response, and urban planning. However, even with these advances, the quality of acquired data is often affected by atmospheric disturbances, sensor limitations, and complex relative motion. These factors may introduce noise, blur, and resolution constraints. Therefore, there is still a clear need for robust image formation and feature enhancement techniques.

This Special Issue, 'Image Formation, Super-Resolution, Deblurring, and Feature Enhancement for Satellite Remote Sensing', aims to collect recent research that addresses these image degradation problems. The issue will focus on new algorithms and methods that improve image fidelity and feature distinctness, and support the improvement from raw satellite data to clearer and more reliable reconstructed images.

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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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