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# Image Enhancement and Fusion Techniques in Remote Sensing

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### Message from the Guest Editors

This Special Issue is accepting papers that discuss image enhancement and image fusion approaches and their applications in remote sensing image-processing tasks. Reviews and research articles on their methodologies or applications, including their advantages and limitations, are welcome. All contributions to this collection will undergo peer review. We welcome contributions that include, but are not limited to, the following:

- Deep learning-based image enhancement;
- Image denoising;
- Generative models for image generation;
- The super-resolution and restoration of images;
- Image quality assessments;
- Few-shot learning methods;
- Multi-modality image fusion (optical, RGB, panchromatic, multispectral, hyperspectral, LiDAR, SAR, infrared, etc.);
- Deep learning-based image fusion methods;
- Feature-level or decision-level image fusion;
- Computer vision methods in remote sensing image fusion;
- Other downstream tasks in the process that include, but are not limited to, remote sensing image classification, image segmentation, object detection, change detection, target recognition, unmixing, etc.







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## **Editor-in-Chief**

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### Message from the Editor-in-Chief

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