



Remote Sensing Applications of Image Denoising and Restoration

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Deadline for manuscript
submissions:

closed (17 July 2021)

Message from the Guest Editors

This Special Issue (SI) aims to address these problems by providing a variety of contributions focused on the application of image denoising and restoration in remote sensing data analysis. Additionally, the SI promotes the use of image denoising and restoration as preprocessing step for further remote sensing data processing. The SI's contributions include (but are not limited to) remote sensing applications of the following topics:

- Mixed noise reduction for hyperspectral images;
- Despeckling for synthetic aperture radars;
- Destriping for optical imagery;
- Image inpainting;
- Drone-borne sensor restoration and image denoising;
- Advanced image processing for restoration and denoising;
- Advanced machine learning and deep learning techniques for image restoration and denoising;
- Artifacts removal from remote sensing data, including ground-, drone (UAV)-, aerial-, and space-based measurements;
- Image demosaicking for remote sensing data;
- The application of image denoising and restoration for classification, land-cover mapping, super-resolution and sharpening, unmixing, target detection, change detection, multitemporal remote sensing analysis, and data fusion.





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Message from the Editor-in-Chief

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