Special Issue

Remote Sensing of Image Pansharpening

Message from the Guest Editors

This special issue wishes to address the challenges, opportunities and solutions for improving the resolution and/or the radiometric quality of remote sensing images by means of data fusion. Of particular interest are papers that focus on (but are not limited to):

- Spatio-spectral image fusion of spectrally overlapped channels (pan-sharpening)
- Spatio-spectral image fusion of spectrally non-overlapped channels (hyper-sharpening, thermal sharpening)
- Novel representations of multi/hyper-spectral data suitable for their fusion
- Fusion of heterogeneous datasets, e.g., optical and synthetic aperture radar (SAR) data
- Fusion methods preserving quantitative product of optical remote sensing (e.g., surface reflectance, NDVI, etc.)
- Fusion-based radiometric/atmospheric corrections of remote sensing data
- Reconstruction of missing information by means of data fusion
- Novel applications of the data with improved resolution and/or radiometric quality

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Deadline for manuscript submissions

closed (30 June 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/36017

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Message from the Editor-in-Chief

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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