remote sensing

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Remote Sensing of Image Pansharpening

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

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):

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

Dr. Luciano Alparone
Dr. Bruno Aiazzi
Guest Editors

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Special Issue

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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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