Image Processing and Analysis: Trends in Registration, Data Fusion, 3D Reconstruction, and Change Detection II

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Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

Dear Colleagus,

This Special Issue aims at presenting the latest advances of innovative image analysis and image processing techniques and their contribution in a wide range of application fields, in an attempt to foresee where they will lead the discipline and practice in the coming years.

The scope includes but is not limited to the following:

- Image registration and multisource data integration or fusion methods;
- Deep learning methods for data classification and pattern recognition;
- Automation in thematic map production (e.g., spatial and temporal pattern analysis, change detection, and definition of specific change metrics);
- Cross-calibration of sensors and cross-validation of data/models;
- Orientation in a seamless way of images acquired with different platforms;
- Object extraction and accuracy evaluation in 3D reconstruction;
- Low-cost 360° and fisheye consumer-grade camera calibration, orientation, and 3D reconstruction;
- Direct georeferencing of images acquired by different platforms.

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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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