Special Issue

Computer Vision-Based Methods and Tools in Remote Sensing

Message from the Guest Editor

The progress of remote sensing imaging has been closely associated with computer vision and pattern recognition. Land cover mapping, target detection, change detection and boundary extraction, as well as pattern inference from time-series of imaging data, pose challenges for traditional image computer vision and pattern recognition tasks, such as image clustering, classification and segmentation. This Special Issue aims to explore state-of-the-art computer vision and pattern recognition applications in remote sensing. Research contributions, including surveys, are welcome. In particular, novel contributions that cover, but are not limited to, the following application domains are welcome: Land cover mapping;
Target detection;
Change detection;
Boundary extraction;
Pattern analysis on time-series of imaging data;
Works carried out at all scales and in all environments, including surveys and comparative studies, as well as the description of new methodologies, best practices, advantages and limitations for computational tools in remote sensing.

Guest Editor

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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.

Editor-in-Chief

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