

Special Issue

Edge Detection Based on Remote Sensing Data

Message from the Guest Editor

Intelligent and innovative new edge detection algorithms are in dire need for the success of any methods designed for the target applications. This special issue will focus on the newly-developed algorithms for edge detection from remote sensing data, as well as their successful applications to object extraction and modelling, segmentation and classification, and registration and fusion of data from different sources. It will cover the following topics, but not be limited to:

- Edge detection from one or a combination of the aerial and/or satellite data (VHR, hyperspectral, SAR, LiDAR, UAV, thermal imagery, oblique imagery, etc.);
- Application of the edge detection algorithms to successful object (e.g., buildings, roads, power line) extraction, segmentation and classification; and
- Registration and fusion of various remote sensing data, e.g., LiDAR and multispectral imagery.

Guest Editor

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About the Journal

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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