Edge Detection Based on Remote Sensing Data

Guest Editor:

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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.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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