Vegetation Classification and Mapping by Remote Sensing and Machine Learning

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closed (20 February 2024)

Message from the Guest Editors

Vegetation classification and mapping by remote sensing and machine learning have significant implications for understanding ecosystem dynamics, monitoring changes in vegetation cover and types, and informing land-use and conservation planning efforts.

This Special Issue invites the submission of studies covering vegetation classification and mapping by remote sensing and machine learning acquired by different sensors and platforms. Articles may address, but are not limited, to the following topics:

- Application of classic machine learning methodology to vegetation classification and mapping;
- Modern machine learning methodology for feature extraction;
- High-performance machine learning algorithms for vegetation mapping;
- Accuracy assessment of machine learning in remote sensing;
- Vegetation classification and mapping by remote sensing and machine learning using multi-sensors;
- Regional/global scale programs for vegetation classification and mapping by machine learning.

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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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