Special Issue

Hyperspectral Remote Sensing: Current Situation and New Challenges

Message from the Guest Editor

The Special Issue is oriented on the hyperspectral remote sensing, we would like to collect a wide spectrum of the newest ideas, solutions and achievements in the fields of new missions & sensors, new methods of data acquisition, processing, verification and analysis. The aim of this special issue is to collect articles that will contribute new ideas and methods to process hyperspectral imaging data and the development of other applications. We invite to submit articles for the advancement of hyperspectral technology but not limited to the following topics:

- Determining and mapping of vegetation traits using hyperspectral imaging;
- Hyperspectral image applications in geology, agriculture, environment and urban systems;
- Image processing and data mining (supervised, unsupervised, active learning and deep learning) methods for analysing hyperspectral images;
- Hyperspectral unmixing;
- Methods to compensate atmosphere in hyperspectral image processing;
- Applications of future hyperspectral missions.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)

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.

Editor-in-Chief

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