Special Issue

Applications of Hyperspectral Thermal Infrared Data in Land Surface

Message from the Guest Editors

Hyperspectral thermal infrared data contain rich long-wave spectral information, which can precisely reflect the unique diagnostic characteristics of the thermal infrared spectrum. Also, the hyperspectral characteristics can provide more reasonable assumptions and constraints for the ill-posed inversion of the key thermal infrared characteristic parameters. Therefore, the hyperspectral thermal infrared remote sensing has important research value and application prospects. This Special Issue aims to demonstrate recent efforts in and contributions to the applications of hyperspectral thermal infrared data in land surface, including but not limited to:

- Advances and pre-research in hyperspectral thermal infrared remote sensing sensors;
- Approaches to dealing with hyperspectral thermal infrared remote sensing data;
- Studies for target detection and identification, as well as resources and environment monitoring using hyperspectral thermal infrared remote sensing;Methodologies for multi-source data integration or fusion;
- Scientifical reports of hyperspectral thermal infrared campaigns, including calibration and validation.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2022)

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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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