Special Issue

Initial Understanding of Landsat-9 Capabilities and Applications

Message from the Guest Editors

Landsat-9 was launched on 27 September 2021, in time to extend Landsat's remarkable record of 50 years. This Special Issue aims at collecting contributions on innovative research exploring the capabilities of the Landsat-9 instrument in several applications, as well as, its joint use with data acquired by other satellites.

- Radiometric calibration and atmospheric corrections of OLI-2 data;
- Spectral characterization of OLI-2 data;
- Spatial characterization of OLI-2 data;
- Validation and quality-assurance assessment and characterization of the OLI-2 data and products;
- Radiometric and spectral cross-calibration of OLI-2 data with other satellite sensors;
- Comparison between OLI-2 and other optical satellite sensors;
- Land surface monitoring using OLI-2 data, including (but not limited to) land cover and land use change, agriculture, forest, urbanization, disasters, climate modelling and hydrological applications;
- Combination and fusion approaches of OLI-2 data with other sensors' data;
- Tools, toolboxes, and algorithms for processing and analyzing OLI-2 data;
- Other OLI-2 related studies.

Guest Editors

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Dr. Xinghua Li

Deadline for manuscript submissions

closed (31 December 2023)

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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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