Special Issue

Cross-Platform Remote Sensing for Enhanced Land Surface Characterization

Message from the Guest Editors

The focus of this Special Issue is to promote novel synergistic cross-platform approaches to advance retrieval capabilities and enhance the versatility and robustness of retrieved biophysical properties. We will be accepting submissions within the following broadly-defined topics:

- Multi-sensor integration and data fusion to enhance the spatiotemporal resolution of retrievable surface properties (e.g., spectral vegetation indices, vegetation traits, land surface temperature, soil moisture).
- Adaptation of models and retrieval algorithms to take advance of cross-sensor synergies in sensor observations across the electromagnetic spectrum (e.g., visible to shortwave infrared, sun-induced fluorescence, thermal, microwave) in order to improve land surface monitoring and modeling.
- Combination of observations from multi-scale platforms (e.g., geostationary, polar-orbiting, UAVs, proximal) to advance retrieval capability and enhance retrieval robustness.
- Advancing the use of machine-learning for analyzing and interpreting multi-sensor data streams.
- Advancing the use of data assimilation to take advantage of multi-sensor and multi-resolution data streams.

Guest Editors

Dr. Rasmus Houborg

Geospatial Sciences Center of Excellence, South Dakota State University, Brookings, SD 57007, USA

Dr. Christopher R. Hain

NASA, 320 Sparkman Drive, Huntsville, AL 35805, USA

Deadline for manuscript submissions

closed (31 July 2019)

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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