Special Issue

Land Surface Global Monitoring from PROBA-V to Sentinel-3

Message from the Guest Editors

With its launch in 2013, PROBA-V has ensured the continuity of the SPOT/VGT mission providing daily global observations of Earth land ecosystems. Now, the continuity is relying on the Sentinel-3 mission though the transition phase will last until March 2020, to allow for a rigorous cross-sensors verification and validation. The Copernicus Global Land Service (CGLS) is committed in ensuring seamless near-real time provision of the relevant biophysical variables during this transition phase. However, this poses significant scientific and practical challenges, owing to the diversity of the relevant sensors. In order to address these challenges a number of research projects are currently running to ensure continuity and consistency of this long-term dataset. The following topics are welcome:

- Mission status, algorithm, and data quality for PROBA-V and Sentinel-3
- Cal/Val and cross-calibration activities between PROBA-V and Sentinel-3
- Approaches for adapting land products' algorithms from PROBA-V to Sentinel-3
- Advances in retrieval and validation of terrestrial ECVs time series
- Applications of CGLS variables for monitoring, modeling and forecasting land surface state.

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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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