Special Issue

Google Earth Engine and Cloud Computing Platforms: Methods and Applications in Big Geo Data Science

Message from the Guest Editors

Much of the data in the world is geographic, and those related to remote sensing play a pivotal role. The efficient geospatial big data handling is therefore of key importance. Google Earth Engine (GEE) is a cloud-based platform that makes it easy to access both multi-temporal remote sensing big data and high-performance computing resources for their processing. Research papers focusing on both methodology and applications by using GEE are welcome, as well as contributions related to other public-domain platforms. Potential topics for this Special Issue include but are not limited to the following:

- Remote Sensing Big Data analysis and integration with other geospatial data;
- Multi-Sensor and multi-resolution data analysis;
- Machine and deep learning for remote sensing;
- Land-use and land-cover change monitoring and modeling;
- Urban and population dynamics characterization;
- Water resources monitoring and modeling;
- Forests and vegetation dynamics monitoring and modeling;
- Ecosystem response to the climate change.

Guest Editors

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Dr. Roberta Ravanelli

Deadline for manuscript submissions

closed (30 September 2020)

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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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