remote sensing

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

Guest Editors:

Prof. Dr. Mattia Crespi

Dr. Andrea Nascetti

Dr. Roberta Ravanelli

Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editors

Dear Colleagues,

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.

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Special Issue

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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

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.

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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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