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

Dear Colleagues,

Guest Editors:

Message from the Guest Editors

Prof. Dr. Mattia Crespi

Dr. Andrea Nascetti

Dr. Roberta Ravanelli

Deadline for manuscript submissions: closed (30 September 2020) 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;

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• Ecosystem response to the climate change.

Prof. Mattia Crespi Dr. Andrea Nascetti Dr. Roberta Ravanelli



mdpi.com/si/23890





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Editor-in-Chief

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Message from the Editor-in-Chief

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