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Application of Satellite Remote Sensing in Geospatial Monitoring

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Deadline for manuscript submissions:
10 October 2024

Message from the Guest Editors

Dear Colleagues,

With the recent advances in remote sensing technologies for Earth observation (EO), many different remote sensors now collect data with distinctive properties.

This Special Issue aims to present new machine and deep learning techniques within new application areas in remote sensing acquired from unmanned aerial vehicles (UAVs), aircraft, satellite platforms and different sensors (multispectral/hyperspectral optical, radar, lidar). Review papers on this topic are also welcome.

Therefore, authors are encouraged to submit articles on topics including but not limited to the following:

- Deep learning methods using remote sensing data;
- Multitemporal and multi-sensor data fusion and classification;
- Time-series image analysis;
- Agricultural and forest monitoring;
- SAR-based features;
- Optical-based features;
- Land-use and land-cover change classification;
- Usage of the analysis-ready image collections and cloud computing services;
- Geospatial data analysis for change detection.

If you want to learn more information, please contact Peter Wang peter.wang@mdpi.com.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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