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Remote Sensing and Data Integration

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Deadline for manuscript
submissions:

closed (31 December 2021)



mdpi.com/si/64906

Message from the Guest Editors

Remote sensing is widely used nowadays in Earth observation processes, taking advantage of the different technologies being used in satellites. However, these data usually have low-medium spatial resolution and low temporal resolution, making the training of machine learning and deep learning algorithms a challenging task. So, these data need to be complemented with other data sources to enable better interpretations. Thus, public open data sources, as well as unmanned aerial systems and proximity sensors, are critical for the exploitation by integrating and analysing the collected data.

Topics of interest include, but are not limited to the following:

- Remote sensors
- Sensor technology and application
- Internet of Things
- Signal processing, data fusion and deep learning in sensor systems
- Sensing systems
- Localization and object tracking
- Pixel and object based classification
- Remote sensing ontologies
- Remote sensing big data
- Web Semantics
- Multiscale data processing
- Sustainability and climate change
- Precision agriculture
- Smart cities and urbanism

Special Issue



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Message from the Editor-in-Chief

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