



Hyperspectral Remote Sensing for Biodiversity Mapping

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will include studies focused on the use of hyperspectral data at different spatial scales (e.g. leaf level, canopy, stand, landscape, regional) for biodiversity mapping, with special attention to the use of scientifically sound data collection techniques (e.g. well calibrated data) and given the wealth that hyperspectral data provides, novel approaches for data analysis. We invite authors to submit recent research that encompass the following topics using hyperspectral data:

- Biodiversity mapping
- Species spectral differences
- Species composition
- Novel applications to terrestrial and aquatic systems
- Multi-scale analyses, including but not limited to field sampling, UAV, airborne and satellite
- Scaling approaches between platforms
- Calibration/validation and good practices for hyperspectral data collection and analysis for biodiversity assessment
- Data fusion between hyperspectral and other sources (e.g. LiDAR)

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