



Imaging Spectroscopy of Forest Ecosystems

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear Colleagues,

Hyperspectral remote sensing, also known as imaging spectroscopy, has been available since the 1980s and is still an expanding and vibrant field of study. Nowadays, the wavelength range of hyperspectral sensors has been extended into the thermal infrared, opening the pathway to numerous novel research questions.

Despite all that, studies about using Imaging Spectroscopy to better understand Forest Ecosystems are still scarce. This Special Issue therefore aims at collecting high-quality papers on applications of hyperspectral remote sensing for forest research. Studies about species distribution, forest health, growth conditions, photosynthesis, fluorescence, forest structure, and similar topics are welcome, as well as studies on sensor fusion and synergies between imaging spectroscopy and other techniques like Lidar, Radar, or multispectral imaging. Methodological papers on hyperspectral data-processing techniques like machine learning, deep learning, unmixing, feature reduction, and others are welcome if they have a clear application in forest science. Review papers, technical notes, and research contributions are suitable.





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Message from the Editor-in-Chief

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