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Remote Sensing of Boreal Forests

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Deadline for manuscript submissions:
closed (31 May 2019)

Message from the Guest Editors

Space-borne Earth observations enable the provision of improved information of boreal forests to serve all information needs. The operational Sentinel satellites of the Copernicus program have opened a new chapter as information sources for the vast boreal forest areas. At local and regional levels, very high-resolution satellite images and airborne drones provide detailed information on boreal forest ecosystems. Radar sensors have an important role in boreal regions with frequent clouds and poor illumination conditions during winter.

For this Special Issue, we welcome submissions on most recent advancements of the remote sensing of boreal forest, including, but not limited to:

- Carbon storage and fluxes
- Forest variable estimation for forest management
- Statistical inventory methods applying satellite data, accuracy assessment
- Biodiversity
- Forest fires
- Change monitoring
- Utilization of time series
- Fusion of optical and radar data
- Combined use of different spatial resolutions
- Mapping and monitoring of boreal peat lands
- SAR interferometry
- Hyperspectral data
- Physical image interpretation methods
- Artificial intelligence methods

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Special Issue

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Editor-in-Chief

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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