# Special Issue

# Remote Sensing of Peatlands II

### Message from the Guest Editors

Peatlands are an important store of carbon, yet this store is vulnerable to climate change. As temperatures rise, carbon could be released to the atmosphere, thus acting as a positive feedback to global warming. Restoration of peatland, on the other hand, holds significant potential to sequester carbon and meet national greenhouse gas reduction targets under the Paris Agreement. We are interested in receiving high-quality submissions that use remote sensing to study any aspect of peatlands. This includes, but is not limited to, estimating carbon fluxes and storage, peatland hydrology and water table dynamics, the modelling of all aspects of peatland, species discrimination and mapping, data assimilation, monitoring of restoration and/or degradation, the scaling-up of field observations, and the development of new retrieval techniques. In addition, manuscripts that examine the synergy of multiple sensors are particularly welcome, such as those that combine different wavelength domains (e.g., SAR and optical data) or the utilization of data on different spatial scales and temporal frequencies (e.g., the combination of Landsat and MODIS data).

### Guest Editors

Dr. Tristan Quaife

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Dr. Kirsten Lees

University of Reading & The James Hutton Institute

### Deadline for manuscript submissions

closed (31 December 2019)

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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.

### Editor-in-Chief

Dr. Prasad S. Thenkabail
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