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Remote Sensing of Peatlands

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Deadline for manuscript submissions:
closed (28 February 2018)

Message from the Guest Editor

Dear Colleagues,

Peatlands are landscapes that have naturally-accumulated layers of partially-decayed vegetation or organic matter on the land surface. They are distributed across the Earth, from high latitudes to the tropics. They account for between 50 and 70% of global wetlands.

Satellite data can be used to establish the extent of peatlands, their elevation and topographic characteristics, the land use/land cover change history, the diversity of the vegetation, the fire disturbance impacts and various measurements associated with the atmosphere, such as emissions, smoke and air quality.

This Special Issue will establish the state-of-the-art with respect to the remote sensing of peatlands and determine if current observational capacity is meeting needs or whether further capability is required.

Prof. Kevin Tansey
Guest Editor

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