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Wetland Mapping and Monitoring Using Advanced Synthetic Aperture RADAR (SAR) Data and Techniques

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Deadline for manuscript submissions:
closed (1 June 2020)

Message from the Guest Editors

Dear Colleagues,

Wetlands are complex ecosystems that represent a wide range of biophysical conditions. They are one of the most productive ecosystems and provide several important environmental functionalities. However, wetlands are prone to an accelerated degradation. As such, wetland mapping and monitoring using cost- and time-efficient approaches are of great interest for sustainable management and resource assessment. In this regard, satellite remotely sensed images are greatly beneficial, as they capture a synoptic and multitemporal view of landscapes.

With the increasing availability of space borne SAR sensors, the use of SAR data and developing its processing techniques have drawn attention in recent years. As such, SAR data have been used either as the sole earth observation (EO) data or in combination with other EO data (e.g., optical and LiDAR) for understanding wetlands.

This Special Issue is focused on wetland classification, wetland vegetation characterization, wetland change detection, and wetland water level monitoring. We would like to invite articles on wetland-related studies using state-of-the-art SAR data and in combination with other data and techniques.

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Editor-in-Chief

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Message from the Editor-in-Chief

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