Special Issue

Application of Remote Sensing Technology to Water-Related Ecosystems

Message from the Guest Editors

This Special Issue is dedicated to the application of remote sensing technologies to the identification, characterization, and monitoring of four sub-indicators of SDG indicator 6.6.1 (vegetated wetlands, rivers, lakes, and artificial water bodies)—to cover the three main aspects of extent: quantity, quality, and the spatial extent or surface area. The potential topics for this Special Issue include, but are not limited to, the following:

- Mapping, monitoring, and classification of vegetated wetlands using remote sensing on a broad scale;
- Remote sensing of change in the spatial extent or surface area of rivers, lakes, and artificial water bodies;
- Remote sensing of water quality of lakes and artificial water bodies;
- Vegetated wetland species mapping and remote sensing of wetland biodiversity;
- Estimating carbon fluxes and productivity of vegetated wetlands using remote sensing;
- Applications of remote sensing to protection and restoration of water-related ecosystems,[...].

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Wetland_sensors

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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