Special Issue

Remote Sensing of River and Lake Ice/Water Using Spaceborne, Airborne, and Ground Platforms

Message from the Guest Editors

This Special Issue aims to showcase the latest advancements in space-air-ground(ice) remote sensing for studying snow, ice, and water in rivers and lakes. It provides a platform for researchers to share novel findings, methodologies, and insights. We welcome submissions on the following topics: (a) Ice-water phase transition processes, phase transition-influenced properties (e.g., thermal, optical, and electrical), water ecosystems and quality under ice, and remote sensing algorithms for snow/ice/water parameters using multi-sensor and multi-source data. (b) Field measurements integrating remote sensing for snow, ice, and water research. (c) Interdisciplinary research on the snow-ice-water system, combining remote sensing techniques for meteorology, hydrology, and ecology. (d) Assessments of snow, ice, and water interactions in relation to human activities, such as water resource management, tourism, and natural disasters. (e) Other relevant studies on snow, ice and water in cold regions through remote technology.

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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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