Special Issue

Monitoring Sea Ice Loss with Remote Sensing Techniques

Message from the Guest Editors

Time series of microwave observations from space since the late 1970s have revealed a drastic reduction in the Arctic perennial ice cover, which is now recognized as an indicator of global warming in the IPCC reports. Continued monitoring of changes in the global sea ice cover from space is important because of the expected impacts on the rest of the cryosphere and other regions. The aim of this special Issue is to focus on techniques for monitoring sea ice extent and thickness using various sensors onboard Earth observation satellites. The sensors could include, but are not limited to, optical sensors, passive microwave sensors, SAR, and Lidar. The articles of this Special Issue are expected to be of interest not only to the readers of the journal, but also to scientists who are involved in using remote sensing data in the study of climate and associated environmental changes.

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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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