



## Remote Sensing of Changing Arctic Sea Ice

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Deadline for manuscript submissions:

**closed (31 October 2022)**

### Message from the Guest Editors

The Arctic Ocean is undergoing a continuous, rapid transformation into a seasonal ice cover, which demands a new understanding of the physics and processes of this new Arctic. We see an explosion of remotely sensed data generated from ground-based instruments and airborne and satellite sensors. Such data sets and methods are vital to enhance our understanding of the sea ice dynamic and thermodynamic processes and consequent effects on the biogeochemical properties and air-sea interactions in the Arctic marine environment. This Special Issue invites original studies on all aspects of Arctic sea ice remote sensing, especially those involving emerging data sets and innovative methods. In what has recently been referred to as a new golden era for polar remote sensing following the successes of CryoSat-2 (celebrating its 10th anniversary), other radar altimetry missions, and the recent launch of ICESat-2, we encourage submissions highlighting key results from these missions. We also welcome contributions from all polar monitoring satellites including from Small and CubeSat constellations, as well as future mission concepts.





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## Message from the Editor-in-Chief

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