



Recent Advances in Sea Ice Research Using Satellite Data

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Message from the Guest Editors

The progressive utilization of remotely sensed data from satellites has played a pivotal role in advancing our comprehension of sea ice dynamics. Satellite-based observations have provided valuable insights into the characteristics and changes in sea ice cover, thickness, and concentration. In this Special Issue, we aim to showcase the recent strides made in sea ice research, with an emphasis on cutting-edge AI-based sea ice mapping methods, novel satellite sea ice datasets, and innovative processing techniques for satellite sensor data.

We wholeheartedly appreciate your consideration in submitting your manuscripts to this Special Issue on sea ice research using satellite data. We also kindly request your assistance in sharing this announcement with your esteemed colleagues, encouraging them to contribute their expertise to this important field of study.

Together, let us propel the advancements in sea ice research forward and contribute to a better understanding of the changing cryosphere and its implications for the Earth system.





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Message from the Editor-in-Chief

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