

## Special Issue

# Aerial and Satellite Remote Sensing of Surface Ocean Currents

### Message from the Guest Editor

We invite you to submit articles to a special issue that focuses on recent advances in remote sensing sensors, including satellite and aerial platforms, and techniques used to monitor surface ocean currents. We invite contributions that include, but are not necessarily limited to, new methods/advances, inter-comparisons between sensors/techniques and validation with observations and numerical ocean models. We especially welcome papers that address the need to resolve the wide range of spatiotemporal scales of variability in ocean dynamics (for example, submesoscale to mesoscales). Given the large amounts of data that are produced daily by satellites in orbit, as well as through high-resolution aerial imagery campaigns, data science approaches that provide tools to manipulate and visualize big datasets are also welcome.

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### Guest Editor

Dr. Daniel F. Carlson

Centre for Materials and Coastal Research, Institute of Coastal Research, Helmholtz-Zentrum Geesthacht, Geesthacht, Germany

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### Deadline for manuscript submissions

closed (31 October 2021)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### 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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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