



Aerial and Satellite Remote Sensing of Surface Ocean Currents

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Daniel F. Carlson
Guest Editor





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Editor-in-Chief

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Message from the Editor-in-Chief

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