



Close-Range Spectral Imaging of Aquatic Systems

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Deadline for manuscript
submissions:

closed (1 February 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue invites research articles and reviews dealing with the use of close-range spectral imaging (hyperspectral or multispectral) techniques, platforms, and analyses for the study of marine or aquatic environments.

Specific themes include, but are not limited to, the following:

- Integration and demonstration of spectral imaging on small platforms for marine or aquatic environments;
- Laboratory or field-based studies of aquatic targets: from microplastics to geological samples to megafauna;
- Analytical developments for spectral imaging through fluid media: calibrations, images, or spectral corrections and reconstruction;
- Operational developments for large-scale applications: geo-registration, rectification, mosaicking, etc.;
- Big data developments in spectral image processing: machine learning, data fusion, and other statistical approaches;
- Next-generation technologies and missions for the use of spectral imaging in marine monitoring programs; and
- Reviews summarizing progress in the field.





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Message from the Editorial Board

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