Special Issue

Understanding the Complexity of Coastal and Inland Waters using Remote Sensing

Message from the Guest Editors

The Copernicus missions, commissioned by ESA up until 2030, and several of the instruments relevant for aquatic remote sensing are already in space. Amongst this suite of instruments are those with the spatial resolution and dynamic range necessary for imaging coastal and inland waters. These waters are particularly vulnerable to anthropogenic influence, play host to numerous, dynamic biogeochemical processes, and support economically vital activities such as the fisheries, tourism and recreation. However, these waters tend to be optically complex, meaning that, for a variety of reasons, retrieval of quantitative metrics of water quality and productivity from remote sensing is often challenging. In this Special Issue, we consider the optical properties of a variety of different types of coastal and inland waters—some dominated by CDOM absorption and others dominated by scatter from inorganic particles. Keywords:

- Inherent optical properties
- Copernicus missions (S1, S2 & S3)
- Management of coastal and inland waters
- Time series analysis
- Phytoplankton phenology and ecology
- Climate change

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Deadline for manuscript submissions

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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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