

Special Issue

Advances in Remote Sensing and Geoinformatics for Sustainable Aquaculture and Fisheries

Message from the Guest Editors

Aquaculture and fisheries contribute substantially to global food and nutrition security. Driven by the increasing demand, aquatic food produced by aquaculture and fisheries increased significantly in the last several decades and are projected to further grow. However, aquatic ecosystems with aquaculture and fishery practices are under stress, e.g. due to climate change, overfishing, pollution, and environment degradation. Remote sensing Earth Observation (EO) provides temporally and spatially comprehensive measurements of Earth surface. With the integration into Geographic Information Systems (GIS), it has been widely used to support monitoring, planning, management, and policy making in aquaculture and fisheries. Recent advances in active and passive remote sensing sensors provide improved EO data with high spatial resolution, high revisit cycle, more spectral bands, and wider wavelength range. These create unprecedented opportunities for monitoring rapid and fine-scale changes of Earth surface. This special issue solicits papers that demonstrate enhanced capabilities of remote sensing to support sustainable aquaculture and fisheries.

Guest Editors

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Dr. Ben Belton

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Deadline for manuscript submissions

closed (31 May 2024)



Remote Sensing

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CiteScore 8.6



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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.

Editor-in-Chief

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