

Special Issue

Multibeam Echosounder Measurements – Addressing Variability and Expanding the Horizon

Message from the Guest Editors

Multibeam echosounders (MBESs) have come of age over recent decades and they are increasingly used to map the oceans and water bodies around the world. The innovative use of modern multibeam echosounders in areas other than seafloor research enables the discovery of "new worlds"—e.g., the shape of underwater parts of glacier fronts entering the oceans; upside-down echosounders tracking gaseous plumes floating in the water; by monitoring ecosystem users of offshore structures such as marine renewable energy devices; by cataloguing large varieties of marine organisms; biomass estimates of submerged aquatic vegetation; imaging buried remnants of benthic life. We invite all who are interested in studying underwater environments with multibeam echosounders to present their research in this Special Issue, from instrument development to processing approaches and examples of applications in the study of marine ecosystems and structures. We are looking forward to working with you all on this Special Issue of *Remote Sensing*, showcasing the latest research and results, promising approaches, and emerging trends.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2022)



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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.

Editor-in-Chief

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