Special Issue

Advances in Remote Sensing for Coastline Dynamics, Bathymetry, and Water Bottom Mapping

Message from the Guest Editor

This Special Issue aims to showcase cutting-edge research and innovative methodologies in the application of remote sensing technologies to coastal and aquatic environments. It invites contributions that explore the dynamic nature of shorelines, the retrieval of bathymetric data through Earth observation techniques, and the mapping of submerged vegetation and water bottoms. The Special Issue welcomes interdisciplinary studies that integrate technological advancements, methodological rigor, and environmental applications. Contributions may span across geospatial analysis, marine ecology, hydrodynamics, geomatics, and environmental monitoring. Targeted at scientists working in coastal geomatics, remote sensing, marine geology, coastal engineering, and aquatic ecosystem research, this Special Issue seeks to foster dialog and collaboration across disciplines to advance the understanding and sustainable management of coastal zones.

Guest Editor

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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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