Special Issue

Ecological Environment Remote Sensing and Sustainable Development Evaluation in Coastal Zones

Message from the Guest Editors

Coastal zones, as a distinct interface between land and ocean, represent not only one of the most productive ecosystems on Earth, but also a region of concentrated human habitation and economic activity. Recent advances in remote sensing technology have provided powerful techniques for monitoring and evaluating the ecological environment of coastal zones. High-resolution, multimodal satellite imagery; unmanned aerial vehicles (UAVs); and ground-based sensors now allow for more precise identification and tracking of dynamic changes within these ecosystems while also providing decision-makers with timely and actionable information. The integration of landscape ecology theory and environmental modeling theory with Geographic Information System (GIS) technologies offers a robust framework for understanding the eco-environmental processes and sustainable development. This Special Issue seeks to compile the latest research findings on remote sensing monitoring of coastal zone ecological environments, as well as on theoretical methods and technologies from multidisciplinary perspectives such as GIS and landscape ecology in the assessment and management of coastal zones.

Guest Editors

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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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