Special Issue

Artificial Intelligence for Ocean Remote Sensing

Message from the Guest Editors

With the continuous development of remote sensing and artificial intelligence technologies during recent years, ocean monitoring has entered the big-data era. Moreover, the combination of the two technologies has unleased great potential in dealing with complex remote sensing retrival, feature/pattern recognition, and reconstruction problems. By combining remote sensing technology, existing rules of value and hidden correlation can be discovered from the data, to better observe the ocean and coastal environment. This can effectively avoid the defects faced by traditional ocean monitoring and provide a new data-driven direction for the development of AI-based ocean monitoring. The main goal of this Special Issue is to provide a scientific platform to discuss recent advances in the application of remote sensing and AI techniques to monitor the ocean and coastal environment. Papers of both theoretical and applicative nature, as well as contributions regarding new advanced AI/Machine learning, deep learning and data science techniques for the remote sensing research community, are welcome.

Guest Editors

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Message from the Editorial Board

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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