



Artificial Intelligence for Ocean Remote Sensing

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Message from the Guest Editors

Dear Colleagues,

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 unleashed great potential in dealing with complex remote sensing retrieval, 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.





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Message from the Editorial Board

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