



AI-based Remote Sensing Oceanography

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Message from the Guest Editors

Ocean remote sensing is a research area that has undergone tremendous development in the past few decades. Much research has led to the operational implementation of many scientific algorithms to generate geoscience products that support the general public. The rapid development of satellites and sensors has caused a dramatic increase in both the amount and diversity of ocean remote sensing data, and such data requires extensive analysis and powerful technology to be understood. In the past few years, artificial intelligent (AI) technology has been widely used in many research fields for big data information mining and shown great potential in computer vision, natural language processing, and bioinformatics, among others. The number of AI-related papers has increased exponentially. In order to consolidate the papers within the scope of AI applications in oceanography, this Special Issue on “AI-Based Remote Sensing Oceanography” will focus on the following four major disciplines: (1) AI-based remote sensing image CLASSIFICATION. (2) AI-based remote sensing data FUSION. (3) AI-based remote sensing ALGORITHM development. (4).AI-based ocean and marine meteorology FORECAST.





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Message from the Editor-in-Chief

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