

Special Issue

AI-based Remote Sensing Oceanography

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.

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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