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Advances on Remote Sensing, Modeling, and Trajectory Prediction of Marine Oil Spill

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Message from the Guest Editors

Dear Colleagues,

Oil spill accidents seriously pollute the marine environment, threaten the safety of marine ecosystems and coastal residents, and cause huge economic losses to industries such as marine fisheries, aquaculture, and tourism. Timely and accurate monitoring and early warning of oil spills on the sea can not only ensure the timely and effective disposal of oil spills and effectively reduce the negative impact of accidents, but also provide a basis for charging companies and individuals responsible for oil spill accidents.

The recent development of remote sensing technology provides powerful tools for detecting marine oil spills and retrieving their detailed properties. Moreover, it is also very important to model and predict the trajectory of marine oil spills for efficient clean-up and damage evaluation.

The main scope of this Special Issue includes, but is not limited to, the detection of marine oil spills by optical and radar platforms, the retrieval of oil spill type and parameters as well as the modeling and prediction of oil spill trajectory and its dispersion.

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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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