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Remote Sensing of Oil Spills for Marine Life and Environmental Preservation

Guest Editors:

Dr. Stanislav Ermakov
Institute of Applied Physics, Russian Academy of Sciences

Dr. José C.B. da Silva
Department of Geoscience, Environment and Spatial Planning (DGAOT), Faculty of Science, University of Porto, Rua do Campo Alegre, 687, 4169-007 Porto, Portugal

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closed (31 December 2020)

Message from the Guest Editors

The remote sensing of marine films, both oil spills and biogenic pollutions, aiming to identify the films and to quantify their characteristics is a very important problem in the context of marine environment safety. The problem is actively discussed in the literature, but is still far from its comprehensive solution. This Special Issue is focused on following topics:

- Microwave and optical, active and passive, remote sensing of oil spills on the sea surface, particularly, satellite methods of film characterization;
- Remote sensing of natural marine films, relation between characteristics of marine films and biological processes in the upper ocean;
- Theoretical aspects of the problem of film slicks;
- Formation of marine film slicks and slick evolution due to small-scale and submesoscale processes such as cyclonic submesoscale vortices, internal waves, etc.;
- Remote sensing of look-alikes of different origin; discrimination between oil and biogenic films and look-alikes.

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Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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