



Marine Oil Spills 2020

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Message from the Guest Editor

Oil spill remote sensing has progressed significantly in the past few years. Remote sensing plays an increasingly important role in oil spill response efforts. Through the use of modern remote sensing instrumentation, oil can be monitored on the open ocean on a 24-hour basis. With knowledge of slick locations, response personnel can more effectively conduct countermeasures.

This Special Issue aims to highlight advances in the development, testing, and use of oil spill remote sensing systems. Topics include but are not limited to the following:

New developments in remote sensing;

Software to remove noise and enhance oil spill signals;

New sensors and testing of sensors;

Use of remote sensing on spills, e.g., DeepWater Horizon and others;

Use of remote sensing for illegal discharge detection;

Specialized sensors such as fluorosensors and thickness sensors;

Ship or coastal-mounted sensors;

Airborne sensors and campaigns;

Drone-mounted sensors.





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