

# Special Issue

## Radar Ocean Remote Sensing

### Message from the Guest Editors

Radio waves have been used to probe the ocean for many years, starting with HF radar observations by Crombie in 1955. Other forms of electromagnetic radiation, including both naturally occurring and synthetically generated waves in the optical, infrared, and microwave regions of the spectrum, have also been used to great advantage in remotely observing various properties and processes in the ocean. Microwave radiation has received special attention because of its ability to resolve relatively small features and because it interacts directly with short-scale surface waves that are influenced by winds and currents. This Special Issue will focus on recent developments in remote sensing of the ocean using active microwave techniques. We would like to encourage submissions in all areas including instrument development, surface scattering theory and observations, and information extraction algorithms. Studies using various measurement platforms including satellites, aircraft, ships, and land-based equipment are of interest. For more information, please click: [mdpi.com/si/54058](https://mdpi.com/si/54058).

### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 2022)



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*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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