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Radar Ocean Remote Sensing

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Deadline for manuscript
submissions:

closed (20 May 2022)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. David Lyzenga
Prof. Dr. Biao Zhang
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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