



Ocean Monitoring from Geostationary Platform

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Message from the Guest Editors

Dear Colleagues,

This Special Issue endeavors to assemble novel studies that utilize advanced remote sensing technology to monitor ocean surface based upon the data from geostationary platforms. Numerous studies already demonstrated that the geostationary platforms have great advantages in monitoring short-term variations in the ocean, such as dynamics in suspended sediments, migration of harmful algal blooms, low salinity water intrusion, and formation of oceanic eddies and filaments. The subjects of this issue include, but are not limited to

- Investigation of local or regional oceanic phenomena of high temporal frequency, conducted with geostationary platforms such as high towers, hoverflies (tethered drone), helikites, and geostationary satellites.
- Potentials and suggestions of new observation concepts for geostationary platforms
- Challenges in data processing of geostationary satellite data caused by, for example, varying satellite and sun geometry, spherical atmosphere, etc.
- New applications or products derived from geostationary satellites
- Methodology and experiments for calibration and validation of data from geostationary platforms





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Message from the Editor-in-Chief

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