

Special Issue

Applications of Satellite Geodesy for Sea-Level Change Observation

Message from the Guest Editors

This Special Issue is open to both review articles and those that capture cutting-edge research in exploring the role of geodetic methods based on earth observation satellites for a better understanding of sea level variations and their implications for coastal regions. The Special Issue covers a wide range of topics related to the observation of sea level change, including satellite altimetry, gravimetry, and geodetic imaging techniques. Special attention is given to the utilization of high-precision measurements obtained from satellite missions such as Jason, Sentinel, and GRACE to characterize sea level variations at global, regional, and local scales. In addition, papers that address the integration of geodetic satellite data with other observational sources, such as tide gauges and GPS, to establish comprehensive sea-level monitoring systems are highly encouraged. This Special Issue also welcomes contributions that explore the challenges and advancements in data processing techniques, calibration and validation procedures, and the establishment of reliable reference frames to ensure accurate sea-level measurements.

Guest Editors

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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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