Special Issue

HY-2 Satellite Microwave Remote Sensing of Ocean for 10 Years: Applications and Advances

Message from the Guest Editors

The objective of the marine power environment satellite HY-2 is to monitor the dynamic ocean environment with microwave radar and radiometer sensors to measure sea surface wind field, sea surface height and sea surface temperature, directly providing measured data for early warning and forecasting of catastrophic sea conditions, for marine disaster prevention and mitigation, and to protect maritime rights and interests. Authors are invited to submit papers on the application of active and passive microwave sensors on the HY-2A satellite, especially on evaluating the data consistency, the accuracy or precision of the product, the trends and varied features derived from the long-term data, and other topics related to the sensors and applications of the HY-2A satellite. The following list provides some examples of topics of interest:

- Calibration and product consistency evaluation of microwave sensors;
- Data product algorithm development, assessment and validations for 10 years of HY-2A operation;
- Applications of active and passive microwave sensors to the ocean environment;
- Fusion and assimilation of HY-2A data.

Guest Editors

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Deadline for manuscript submissions

closed (15 February 2023)

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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.

Editor-in-Chief

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