Special Issue

Characterizing Atmospheric and Marine Boundary Layer Processes by Remote Sensing

Message from the Guest Editors

This Special issue aims to compile the latest developments in the field of remote sensing applied to boundary layer studies. A representative selection of topics to be covered in the Special Issue are provided below:

- Results from recent field experiments using remote sensing data;
- Estimation of mean and turbulence parameters from remote sensing data;
- Evaluations of novel remote sensing techniques against reference measurements;
- Characterization of clouds and precipitation by radars;
- Thermodynamic profiling of boundary layer by lidar, radiometry, and spectroscopy;
- Use of satellite and UAS data for characterizing clouds and atmospheric/marine boundary layers;
- Boundary layer climatology and boundary layer processes at long-term observatories;
- Machine learning applications to remote sensing data.

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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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