New Technologies for Earth Remote Sensing

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Deadline for manuscript submissions:
closed (31 July 2022)

Message from the Guest Editors

Dear Colleagues,

Remote sensors have enabled a better understanding of the Earth's climate and the interactions between the ocean, land, and atmosphere, improving the knowledge on the global Earth dynamics. At present, miniaturization, increased communications and networking capabilities, as well as machine learning and artificial intelligence are enabling new remote sensing instrument concepts, including distributed and reconfigurable sensors, for satellite, airborne, and ground-based platforms. These new remote sensing technologies can potentially explore widespread fields, including but not limited to passive/active and microwave or millimeter-wave/optical, or a combination of those.

We invite authors to submit their work on remote sensing technology developments on any of the above fields. Technology advancements include any development at subsystem level, at a system (instrument) level, mission level, or even at system of systems level. We also encourage studies including the analysis of performance improvement in terms of spatial, radiometric, spectral or temporal resolutions, related to the scientific applications.

Special Issue

Editor-in-Chief

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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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