

Special Issue

Frontiers in Remote Sensing Techniques and Applications Using Visible Infrared Imaging Radiometer Suites

Message from the Guest Editors

The Visible Infrared Imaging Radiometer Suite (VIIRS) is one of the key instruments onboard Suomi National Polar-Orbiting Partnership (SNPP), NOAA-20, as well as future JPSS spacecraft. The VIIRS instrument provides moderate-resolution, radiometrically accurate global images using 22 visible/near-infrared and infrared bands covering wavelengths from 0.41 to 12.5 microns. With NOAA-20 and SNPP spacecraft being operational and 50 minutes apart along the same sun-synchronous orbit, the VIIRS instruments ensure a continuation of the Earth system observations. The on-orbit calibration/validation, data verification, and long-term monitoring suggest that the VIIRS on both SNPP and NOAA-20 have been performing well above the specification, maintaining its legacy and serving a broad range of VIIRS user community.

Guest Editors

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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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