

## Special Issue

# VIIRS 2011–2021: Ten Years of Success in Earth Observations

### Message from the Guest Editors

The new US polar orbiting system, JPSS, succeeds the heritage NOAA POES system, with the new generation VIIRS imager replacing the long-term POES AVHRR. The 1st VIIRS was launched onboard S-NPP in October 2011, and the 2nd sensor followed onboard JPSS-1/NOAA-20 in November 2017. Three more VIIRSSs are planned to fly onboard JPSS-2, 3 and 4 satellites planned for launch in 2022, 2026 and 2031. This Special Issue aims to overview the initial VIIRS contributions during its first decade in space and place its products and performance in context of its historical counterparts (e.g., AVHRR, MODIS) and planned future sensors and data records (from, e.g., Metop-SG METImage and MTG FCI). Of special interest are Level 1 and derived Level 2–3 ocean, land, atmosphere and cryosphere data products, from VIIRS and other space sensors, and their use in downstream applications (such as, e.g., derivation of gap-free Level 4 analyses).

### Guest Editors

Dr. Mitchell D. Goldberg

Dr. Alexander Ignatov

Dr. Satya Kalluri

Dr. Paul M. DiGiacomo

Dr. Changyong Cao

### Deadline for manuscript submissions

closed (31 December 2023)



## Remote Sensing

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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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