remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

an Open Access Journal by MDPI

Diurnal to Decadal Observation of the Ocean with Geostationary Satellite Sensors

Guest Editors:

Dr. Youngje Park
Korea Institute of Ocean Science and Technology, Busan, Korea

Dr. SeungHyun Son
1. NOAA/NESDIS Center for Satellite Applications and Research, College Park, MD, USA
2. Colorado State University, Cooperative Institute for Research in the Atmosphere, Fort Collins, CO, USA

Deadline for manuscript submissions:
closed (15 April 2023)

Message from the Guest Editors

The next Korean geostationary ocean color sensor (GOCI-II) with more bands (13 bands from UV to NIR) and higher spatial resolution (250 m at nadir) launched in February 2020. GOCI-II will continue to provide short-term to decadal monitoring in the marine ecosystems of the marginal seas of the Northwestern Pacific Ocean. Moreover, recent advancements in meteorological imagers, such as Advance Himawari Imager onboard the Himawary-8 and -9 satellites and Advanced Meteorological Imager onboard Geo-KOMSAT-2A, provide three visible bands in addition to infrared bands, which will open new opportunities to study fast varying processes in coastal and in-land waters.

We encourage authors to contribute papers on all ocean color applications with GOCI and other geostationary satellite sensors, including diurnal to decadal variabilities in water quality, phytoplankton productivity, biological/biogeochemical properties, and fisheries in the marine and coastal ecosystem. We also welcome papers on all relevant subjects, such as sensor calibration, atmospheric correction, validation/evaluation of the oceanic color products, and development of optical/biogeochemical algorithms.

remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.
Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI