Special Issue

Ocean Monitoring from Geostationary Platform

Message from the Guest Editors

This Special Issue endeavors to assemble novel studies that utilize advanced remote sensing technology to monitor ocean surface based upon the data from geostationary platforms. Numerous studies already demonstrated that the geostationary platforms have great advantages in monitoring short-term variations in the ocean, such as dynamics in suspended sediments, migration of harmful algal blooms, low salinity water intrusion, and formation of oceanic eddies and filaments. The subjects of this issue include, but are not limited to

- Investigation of local or regional oceanic phenomena of high temporal frequency, conducted with geostationary platforms such as high towers, hoverflies (tethered drone), helikites, and geostationary satellites.
- Potentials and suggestions of new observation concepts for geostationary platforms
- Challenges in data processing of geostationary satellite data caused by, for example, varying satellite and sun geometry, spherical atmosphere, etc.
- New applications or products derived from geostationary satellites
- Methodology and experiments for calibration and validation of data from geostationary platforms

Guest Editors

Dr. JongKuk Choi

Korea Institute of Ocean Science & Technology, 385, Haeyang-ro, Yeongdo-gu, Busan Metropolitan City, Korea

Prof. Dr. Wonkook Kim

Department of Civil and Environmental Engineering, Pusan National University, 2 Busandaehak-ro 63beon-gil, Geumjeong-gu, Busan Metropolitan City, Korea

Deadline for manuscript submissions

closed (28 February 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/84623

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

About the Journal

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.

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

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)