



## Seawater Bio-Optical Characteristics from Satellite Ocean Color Data II

Guest Editor:

**Dr. Dmitry Glukhovets**

Shirshov Institute of Oceanology,  
Russian Academy of Sciences,  
117997 Moscow, Russia

Deadline for manuscript  
submissions:

**closed (15 February 2024)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims at presenting the results of studies on seawater bio-optical characteristics from satellite ocean color data. The authors consider various aspects of the seawater bio-optical properties: spectral, angular, and polarization characteristics, relation to the absolute content and composition of the seawater optically active components, the inverse problems, the spatial and temporal variability of the characteristics, including both the inherent and apparent ones. The particular topics of interest include, but are not limited with:

- Development and application of regional algorithms for retrieval of the seawater bio-optical characteristics from satellite ocean color data;
- Results of processing, analysis and application of the data from the multisensor data sets;
- Modeling of the seawater bio-optical characteristics and their components;
- Inverse problems in application to the bio-optical characteristics of seawater
- Bio-optical characteristics of the arctic waters;
- Variability of the seawater optical characteristics depending on the hydro-physical processes.

Original papers and thematic reviews are accepted.





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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)