



water

an Open Access Journal by MDPI



Applications of In-Situ Research for Remote Sensing Algorithms in Estuarine and Coastal Waters

Guest Editors:

Prof. Dr. Włodzimierz Freda

Physics Department, Gdynia
Maritime University, Ul. Morska
81-87, 81-225 Gdynia, Poland

Dr. Katarzyna Boniewicz-Szmyt

Physics Department, Gdynia
Maritime University, Ul. Morska
81-87, 81-225 Gdynia, Poland

Deadline for manuscript
submissions:

closed (20 June 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue, entitled “Applications of In-Situ Research for Remote Sensing Algorithms in Estuarine and Coastal Waters”, will address the relationship between surveys performed directly in the aquatic environment and remote sensing methodologies. This collection of articles aims to highlight the key role of in situ data in improving the accuracy and reliability of remote sensing algorithms applied in estuarine and coastal environments.

We invite you to publish the results of in situ studies conducted with a variety of instruments (such as fluorometers, spectrophotometers, turbidity sensors, or acoustic Doppler profilers) that can contribute to improving algorithms for data acquisition from various remote sensing techniques (ocean color sensing, lidar, synthetic aperture radar, multispectral and hyperspectral imaging, thermal imaging, and others). [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/7S016LW766



[mdpi.com/si/192367](https://www.mdpi.com/si/192367)

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)