





an Open Access Journal by MDPI

Remote Sensing and Numerical Modelling Methods for the Management of Estuarine Systems

Guest Editors:

Dr. Carina Lurdes Lopes

Centre for Environmental and Marine Studies (CESAM), Physics Department, University of Aveiro, Campus de Santiago, 3810-193 Aveiro, Portugal

Prof. Dr. Len Pietrafesa

Department of Coastal and Marine Systems Science, Coastal Carolina University, Conway, SC 29526, USA

Dr. Americo S. Ribeiro

Centre for Environmental and Marine Studies (CESAM), Physics Department, University of Aveiro, Campus de Santiago, 3810-193 Aveiro, Portugal

Deadline for manuscript submissions:

15 July 2024

Message from the Guest Editors

This Special Issue aims to highlight the latest developments in the application of remote sensing and numerical modelling methods to estuarine systems. The scope of this Special Issue includes, but is not limited to, the following:

- Monitoring estuarine processes through remote sensing methods;
- Deriving estuarine ecosystem products from remote sensing data;
- Mapping ecosystem services through remote sensing or numerical modelling methods;
- Applying remote sensing or numerical modelling methods to assess hazards and risks in estuarine environments;
- Observing platforms for the continuous monitoring of estuarine environments:
- Monitoring or modelling hydrodynamic, morphodynamic, biogeochemical, ecological, and biophysical processes in estuaries;
- Modelling the effects of climate change on and/or anthropogenic threats to estuarine ecosystems.



Specialsue







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