

## Special Issue

# Remote Sensing of Estuarine, Lagoon and Delta Environments

### Message from the Guest Editors

Shallow water environments around the world are suffering because of increased human pressure, and are experiencing dramatic degradation, particularly because of increasing pollution of water and sediments. Pollutant discharge is just one of the several challenges that these systems are currently facing, together with sea level rise, increased frequency and magnitude of storm surges, lack of sediment supply from watersheds, and frequent morphological modifications due to direct human interventions and management. In spite of these alarming trends, remote sensing applications for monitoring water quality and morphology in shallow coastal environments are still lacking. This is mainly due to the complexity of these systems and of the interactions among physical and biological forcings that characterize them. The present Special Issue aims at collecting high quality papers that focus on the use of remote sensing for studying and monitoring lagoons, deltas and estuaries around the world. Contributions on the integration of remote sensing observations into mathematical models of earth surface and shallow water dynamics are especially encouraged.

### Guest Editors

Dr. Sonia Silvestri

University of Padova, TESAF Legnaro (PD) 35020, Italy and Duke University, Durham, NC 27708, USA

Dr. Kevan Moffett

School of the Environment, Washington State University, Vancouver, WA 98696, USA

### Deadline for manuscript submissions

closed (15 March 2020)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/14802](https://mdpi.com/si/14802)

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

[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)



## 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)