



## Remote Sensing of Wetland Vegetation Patterns and Dynamics

Guest Editors:

**Dr. Daniel Gann**

Biological Sciences, Florida  
International University, Miami,  
FL 33199, USA

**Prof. Dr. Jennifer Richards**

Biological Sciences, Florida  
International University, Miami,  
FL 33199, USA

Deadline for manuscript  
submissions:

**closed (20 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

Wetlands are important global climate regulators, while their belowground productivity maintains the structural integrity of wetland soils. Wetland ecosystems are highly dynamic, being defined by ephemeral, seasonal or permanent flooding. Wetlands are also threatened, with over 50% having been lost world-wide. Remote sensing techniques provide the opportunity to monitor these dynamics across large spatial extents. This special issue is dedicated to the detection of wetland vegetation and the seasonal and inter-annual patterns of wetland vegetation dynamics and to changes in wetland communities. We are especially interested in articles on:

- (1) Detection of species or communities at multiple scales.
- (2) Retrieval of species- or community-specific productivity or biomass estimates.
- (3) Detection of seasonal and inter-annual variability of plant community compositions.
- (4) Recovery or trajectories of wetland communities after large-scale disturbances.
- (5) Integration of wetland vegetation ecology and the development of new methods in remote sensing technology.





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, St. Alban-Anlage 66  
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)