



Advanced Technologies in Wetland and Vegetation Ecological Monitoring

Guest Editors:

Dr. Jeremy L. May

Biology Department, Florida
International University, Miami,
FL, USA

Dr. Sergio Vargas Zesati

Biology Department, University
of Texas El Paso, El Paso, TX
79968, USA

Deadline for manuscript
submissions:

closed (15 April 2023)

Message from the Guest Editors

Dear Colleague,

Wetlands are an important habitat worldwide and play a crucial role in ecosystem services including maintaining species habitat, promoting ecosystem function, mitigating storm surge impacts, improving water quality, and influencing land use changes. Wetland vegetation monitoring presents a variety of unique features that make large-scale assessments of cover and function across heterogeneous wetland landscapes challenging. Advances in remote sensing technologies (e.g., spectral, airborne, LIDAR, eddy covariance towers, satellite) and techniques are useful applications to monitor the impact of a range of variables on wetland landscapes, including habitat delineation, climate change, and natural and anthropogenic disturbances.

This Special Issue seeks original and innovative applications of remote sensing techniques and technologies in wetland vegetation monitoring. We welcome a broad variety of applications and scales that show the potential for use in the field of wetland monitoring

Dr. Jeremy L. May

Dr. Sergio Vargas Zesati

Guest Editors





an Open Access Journal by MDPI

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and
Geographic Information Systems,
Peking University, Beijing, China

Message from the Editorial Board

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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)