



## **Spatial and Spatio-Temporal Statistics: Methods and Applications in Remote Sensing**

Guest Editors:

**Dr. Amy Braverman**

Principal Statistician, Jet  
Propulsion Laboratory, California  
Institute of Technology, Mail Stop  
158-242, 4800 Oak Grove Drive,  
Pasadena, CA 91109-8099, USA

**Dr. Emily Kang**

Associate Professor, Division of  
Statistics and Data Science,  
Department of Mathematical  
Sciences, University of Cincinnati,  
Room 531 2925CGD, Cincinnati,  
OH 45221-0025, USA

**Dr. Meredith Franklin**

Department of Statistical  
Sciences, School of the  
Environment, University of  
Toronto, 700 University Ave,  
Toronto, ON, Canada

Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

This Special Issue serves as a compendium of recent work bringing modern spatial and spatio-temporal statistical methods to bear on the collection, generation, and analysis of remote sensing data products. We explore two broad themes here: methods and applications. In methods, we showcase spatial and spatio-temporal statistical tools created specifically for massive remote sensing data sets. All the modern methods we are aware of were developed in response to practical problems, and we ask that authors include the motivation for their work and show examples. Under applications, we come at the problem from the other direction: we seek contributions from remote sensing scientists and users who have incorporated spatial and spatio-temporal statistical methods into their work and have realized benefits. We are especially interested in applications where new scientific or societal insights are enabled by these techniques. Our goal is to bring the remote sensing community up to date on what modern statistical methods have to offer and to facilitate more collaboration between the remote sensing and statistics communities going forward.





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)