



Integrating Remote Sensing and GIS in Environmental Health Assessment

Guest Editors:

Prof. Dr. Nina Lam

Department of Environmental
Sciences, College of the Coast
and Environment, Louisiana
State University, Baton Rouge, LA
70803, USA

Dr. Heng Cai

Department of Geography, Texas
A&M University, 3147 TAMU,
College Station, TX 77843, USA

Dr. Kenan Li

Department of Epidemiology and
Biostatistics, College of Public
Health and Social Justice, Saint
Louis University, St. Louis, MO
63103, USA

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

We are calling for papers for a Special Issue on "Integrating Remote Sensing and GIS in Environmental Health Assessment." Remote sensing and GIS applications to environmental health and health impact assessment have been around for many decades, such as using satellite data to monitor the timing and spread of cholera, identifying high-risk areas of malaria and schistosomiasis, evaluating the health impacts from air pollution, estimating urban heat island health effects, and so on. With the increasing intensity of human activities and the complex threats from climate change, existing and emerging threats from environmental factors to human health are on the rise. Meanwhile, recent advances in remote sensing and GIS technology, including improved satellites and other remote sensing devices and new algorithms such as GeoAI, propel the development of better detection, assessment, monitoring, and prediction models. It will be most fitting to devote a special issue like this one to demonstrate the current state of knowledge and cutting-edge methods for environmental health assessment using integrated remote sensing and GIS technologies.





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

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