



Challenges and New Advances for Human-Climate Interactions in Cities Using Remote Sensing

Guest Editors:

Dr. Hajime Seya

Department of Civil Engineering,
Kobe University, 1-1 Rokkodai-
cho, Nada, Kobe, Hyogo 657-
8501, Japan

Prof. Dr. Hasi Bagan

School of Environmental and
Geographical Sciences, Shanghai
Normal University, Shanghai
200234, China

Deadline for manuscript
submissions:

28 March 2025

Message from the Guest Editors

Dear Colleagues,

Human activities are altering the natural landscape on the earth's surface. The thermal environment of densely populated cities is also experiencing rapid change. Remote sensing provides the necessary spatial and temporal data to understand the complex human–climate interactions in cities. However, the complex temporal and spatial variability of human activities, urban landscapes, and urban climates make the understanding of the interactions among them challenging. The study of human–climate interactions is also complicated by the mixed pixels of remote sensing data. Therefore, we are calling for papers for a Special Issue on “Challenges and New Advances for Human–Climate Interactions in Cities Using Remote Sensing”.

This forthcoming Special Issue will focus on recent research advances in remote sensing and other geospatial analysis techniques applied to the relationship between urban human activity, spatial structure, and climate.





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, 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)