

## Special Issue

# Advances in the Spatial and Spatio-Temporal Modeling of Environmental Data

### Message from the Guest Editors

In recent years, thanks to advancements in sensing technologies and data collection methods, the field of environmental research has witnessed an unprecedented surge in the availability of spatial and spatiotemporal data. Such data, ranging from satellite imagery and remote sensing to ground-based observations, offer valuable insights into the complex interactions between natural processes and human activities. This Special Issue aims to bring together cutting-edge research and technological innovations in the development and application of spatial and spatiotemporal modeling approaches, including spatiotemporal geostatistical methods, chronotopological analyses, artificial intelligence, temporal GIS, etc. This collection of articles serves as a platform for researchers, practitioners, and academics to share their expertise, techniques and findings, fostering a deeper understanding of environmental processes.

The scope of this Special Issue encompasses advances in a wide array of environmental domains, including but not limited to climate, ecology, geohydrology, ocean and marine sciences, atmospheric science, human exposure, and environmental health.

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### Guest Editors

Prof. Dr. George Christakos

Dr. Junyu He

Prof. Dr. Jiaping Wu

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### Deadline for manuscript submissions

28 February 2026



## Remote Sensing

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## About the Journal

### 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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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