



an Open Access Journal by MDPI

## Effects of Stratosphere-Troposphere-Land-Ocean Interaction on the Atmospheric Environment and Ecosystem

Guest Editors:

**Dr. Fei Xie**

College of Global Change and Earth System Science (GCESS), Beijing Normal University, Beijing 100875, China

**Dr. Zheng Sheng**

College of Meteorology and Oceanography, National University of Defense Technology, Changsha 410073, China

**Prof. Dr. Ji Zhou**

School of Resources and Environment, Center for Information Geoscience, University of Electronic Science and Technology of China, Chengdu 611731, China

### Message from the Guest Editors

This Special Issue relates to the multi-disciplinary intersection of atmospheric, environmental and ecological sciences supported by remote sensing, which will show recent endeavors in studies regarding the effects of stratosphere–troposphere interaction on the atmospheric environment and ecosystem.

- Stratosphere–troposphere interaction;
- Land/ocean–atmosphere interaction;
- The application of satellite remote sensing in stratosphere research;
- The application of satellite remote sensing in the Earth's surface–atmosphere interface;
- Tropospheric, atmospheric chemical processes;
- Stratospheric and mesospheric dynamic processes;
- The evaluation of atmosphere/land/ocean products provided by satellite remote sensing.

Deadline for manuscript submissions:

**closed (30 November 2022)**



[mdpi.com/si/107731](https://mdpi.com/si/107731)

# Special Issue



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)