



## Satellite Remote Sensing of Fires, Smoke, Air Quality and Integration of Earth Observation Data

Guest Editor:

**Dr. Danilo Custódio**

Department of Environmental  
Chemistry, Helmholtz-Zentrum  
Geesthacht, Max-Planck-Straße 1,  
21502 Geesthacht, Germany

Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### Message from the Guest Editor

Dear Colleagues,

It is my pleasure to announce the launch of a new Special Issue on the topic of integration of earth observation data, which could essentially integrate remote sensing and in situ observations. Data integration would regard meteorology and the composition of the atmosphere, which could give insight into environmental cycling and anthropogenic forcing, on the light of validation and development of satellite products.

The integration of Earth observation data platforms, assessing their inherent uncertainties and offering quality standard tractability for retrieved data from the main satellite product, is an important and challenging task.

The aim of this Special Issue in *Remote Sensing* is to offer a platform to discuss the use of remote sensing, and other “downstream-algorithm data” to improve our knowledge and understanding of earth observation data, whose overall aim is to evaluate the real-time monitoring platform data quality of our environment with reference to the contamination of air, water, and terrestrial land cover.

Dr. Danilo Custódio

Guest Editor





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)