

## Special Issue

# Analysis of Decadal-Scale Continuous Data Products from Weather Satellite Platforms

### Message from the Guest Editors

This Special Issue is dedicated to the continuity of satellite data products over a multi-decadal period, with special focus on the breakthroughs that are possible with a record based on well-calibrated data. While discussions may be included about the substantial algorithm refinement and innovative calibration techniques that are necessary in order to ensure a seamless decadal data record from measurements across the different platforms, the articles should also demonstrate how the algorithm/calibration improvements affect the long-term data record, and should include a discussion of any limitations or uncertainties that could impact the scientific analysis of the data, in particular, with respect to the investigation of inter-annual variability and trend detection. We also invite papers that make use of additional satellite platforms that extend and complement other decadal products.

### Guest Editors

Dr. Bryan A. Baum

Science and Technology Corporation, Madison, WI 53705, USA

Prof. Dr. Ping Yang

Holder of the David Bullock Harris Chair, Department of Atmospheric Sciences, Texas A&M University, College Station, TX 77843, USA

Dr. Hartwig Deneke

Leibniz Institute for Tropospheric Research, Permoserstraße 15, 04318 Leipzig, Germany

### Deadline for manuscript submissions

closed (31 December 2020)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/30809](https://mdpi.com/si/30809)

*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)



## 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.

---

### 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

---

### 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)