



## Multisource Remote Sensing Data Fusion and Applications in Vegetation Monitoring

Guest Editors:

**Dr. Feng Gao**

USDA-ARS Hydrology and  
Remote Sensing Laboratory,  
BARC-West, Beltsville, MD 20705-  
2350, USA

**Dr. Martha Anderson**

USDA-ARS Hydrology and  
Remote Sensing Laboratory,  
BARC-West, Beltsville, MD 20705-  
2350, USA

Deadline for manuscript  
submissions:

**closed (31 July 2018)**

### Message from the Guest Editors

Dear Colleagues,

The online journal *Remote Sensing* (ISSN 2072-4292, IF 3.036, <http://www.mdpi.com/journal/remotesensing>) is currently running a Special Issue entitled "Multisource Remote Sensing Data Fusion and Applications in Vegetation Monitoring". As Guest Editors for this issue, we would like to invite you to contribute a review or full research paper for peer-review and possible publication in this Special Issue. Approaches that fuse remote sensing data from sensors at different spatial and temporal resolutions are welcome. New fusion approaches that use data products from Landsat, Sentinel-2, MODIS, VIIRS and geostationary sensors are encouraged. The special issue will focus on the applications that demonstrate improvements (value-added) when using data fusion approaches, especially in land cover and land use change detection, vegetation phenology mapping, biomass and yield estimation, forest disturbance detection, crop conditions monitoring, crop water use and drought monitoring.

Dr. Feng Gao

Dr. Martha Anderson

*Guest Editors*



[mdpi.com/si/9476](http://mdpi.com/si/9476)

# 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)