



## Lidar Remote Sensing of Forest Structure, Biomass and Dynamics

Guest Editors:

**Dr. António Ferraz**

Jet Propulsion Laboratory,  
California Institute of  
Technology, Pasadena, CA,  
USA  
Institute of the Environment  
and Sustainability, University of  
California, Los Angeles, CA, USA

**Dr. Mariano García**

Department of Geology,  
Geography and Environment,  
University of Alcalá, Alcalá de  
Henares, Madrid, Spain

**Dr. Rubén Valbuena**

School of Natural Sciences,  
Bangor University, Bangor LL57  
2PZ, UK

Deadline for manuscript  
submissions:

**closed (31 July 2020)**

### Message from the Guest Editors

Dear Colleagues,

LiDAR remote sensing is widely accepted as the most appropriate technique to characterize the 3D forest structure and therefore a valuable tool to a broad range of applications that require information in both vertical and horizontal dimensions. Due to its reliability, LiDAR-derived metrics and models are currently seen as a crucial tool for the calibration and validation of satellite observations with applications in the field of terrestrial ecosystems sciences. In addition, LiDAR products are being increasingly used to initialize and constrain ecological and demographic models.

The Special Issue is calling for original and innovative papers that demonstrate the use of LiDAR techniques from all platforms to advance remote sensing applications for forest science and ecology and support forest inventories. We welcome contributions showing the potential of LiDAR as a valuable tool for current environmental challenges over different forested biomes.

Dr. António Ferraz  
Dr. Mariano García  
Dr. Rubén Valbuena  
*Guest Editors*





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)