Advances in Active Remote Sensing of Forests

Guest Editor:

Prof. Dr. Heiko Balzter
1. Centre for Landscape and Climate Research (CLCR), University of Leicester, & National Centre for Earth Observation (NCEO), Leicester, UK
2. School of Geography, Geology and the Environment, University of Leicester, Leicester, UK

Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editor

Dear Colleagues,

Active remote sensing enables the acquisition of data independent of indirect illumination. The wide availability of Synthetic Aperture Radar (SAR), Light Detection and Ranging (LiDAR) and other active remote sensing techniques has led to a phenomenal growth in active remote sensing applications. One of the dominant research applications is in remote sensing of forests, because of their global significance for the carbon cycle, mitigation of climate change and biodiversity, as well as a wide range of essential ecosystem services for people.

This Special Issue invites research papers describing cutting-edge research on active remote sensing of forests using any active remote sensing technology from any platform. I wish to put together a journal issue that describes out-of-the-box approaches to the sensing of forest canopies at any scale, from leaves or needles to forest stands or national, continental or global scales. This Special Issue will be open access and will provide a compendium of novel and significant active remote sensing methods and applications.

Prof. Heiko Balzter
Guest Editor

Special Issue

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