





an Open Access Journal by MDPI

Remote Sensing of the Russian Boreal Forest

Guest Editors:

Dr. Olga Tutubalina

Laboratory of Aerospace Methods, Department of Cartography and Geoinformatics, Faculty of Geography, Lomonosov Moscow State University, GSP-1, Leninskie Gory, 119991 Moscow, Russia

Dr. Gareth Rees

Scott Polar Research Institute, University of Cambridge, Lensfield Road, Cambridge CB2 1ER, UK

Deadline for manuscript submissions:

closed (30 September 2022)

Message from the Guest Editors

The boreal forest is the world's largest terrestrial biome, its size, remoteness and climate render it particularly difficult to study, this is especially true of the Russian boreal forest. However, the increasing availability of high-quality data products from visible near-infrared remote sensing systems at a range of spatial and temporal resolutions and swath widths, together with emerging technologies for field-scale and landscape-scale data collection, are beginning to enable us to improve our understanding of the spatiotemporal variations in the biophysical parameters of the Russian boreal forest and their links to climatic and nonclimatic disturbances. We invite contributions across the widest possible range of approaches to this area of research, including but not limited to: UAV platforms, techniques, upscaling, biomass estimation. Lidar allometric relations, hyperspectral remote sensing, optical, radar and thermal imagery, as well as their combinations, very high-resolution imagery, vegetation indices, leaf area climate-vegetation interactions, estimation. anthropogenic disturbance of forest, forest fire remote sensing, citizen science, etc.











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