remote sensing

an Open Access Journal by MDPI

IMPACT FACTOR 4.1

CITESCORE 8.6

Forest-Climate Interactions in a Changing Environment: Remote Sensing and In Situ Data Analysis

Guest Editors:

Prof. Dr. Alexander Olchev

Dr. Elena Novenko

Dr. Natalia Levashova

Deadline for manuscript submissions:
closed (15 February 2023)

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to bring together recent studies that focus on providing us with a better understanding of the possible responses of forest ecosystems (species composition, forest functioning, gross and net primary production, evapotranspiration, etc.) to changing environmental conditions and their possible feedbacks to the climate system using integrated approaches based on remote sensing and in situ data.

For this Special Issue, we invite scientists working in atmospheric physics, forest ecology, meteorology, hydrology, or biogeochemistry to contribute new aggregated remote sensing and field studies of forest–atmosphere interactions on different spatial scales (from the ecosystem to the global level). Contributions may include, but are not limited to, the following: remote sensing and in situ data analysis of forest structure, functioning, and damage associated with atmospheric hazards; the response of various forest ecosystems to climate variability; sensitivity of forest ecosystems to extreme weather events; biophysical and biochemical forest feedbacks on atmospheric processes; and spatial and temporal variability of GHG (greenhouse gas).

remote sensing

IMPACT FACTOR 4.1

CITESCORE 8.6

an Open Access Journal by MDPI

Editors-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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

Message from the Editorial Board

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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI