Special Issue

Big Data and Remote Sensing for Smart Forestry

Message from the Guest Editors

Forestry, as a cornerstone of environmental sustainability, stands at the intersection of technological innovation and ecological preservation. In response to the pressing challenges of climate change and resource management, this Special Issue, “Big Data and Remote Sensing for Smart Forestry”, investigates the transformative role of data-driven solutions and remote sensing technologies in the realm of forestry. The aim of this Special Issue is to explore several pivotal themes: Precision Forestry; Ecosystem Modelling; Forest Biodiversity; Sustainable Forest Management; Climate Change Mitigation. Papers will serve as a comprehensive resource for researchers, practitioners, and policymakers seeking to harness the potential of big data and remote sensing in advancing smart forestry practices. Contributions based on multidisciplinary approaches, resulting from collaboration between researchers and practitioners, and highlighting the effects of technological innovations on smart forestry are also welcome. Our collective aim is to promote sustainable forestry, safeguard forest ecosystems, and ensure a sustainable future for generations to come.

Guest Editors

Dr. Francesco Solano

Dr. Salvatore Praticò

Dr. Giandomenico De Luca

Prof. Dr. Giuseppe Modica

Deadline for manuscript submissions

closed (31 October 2024)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/185603

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

About the Journal

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.

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

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)