



Assessing Forest Landscape-Level Responses to Climate Change by Remote Sensing Analysis and Ecological Modelling

Guest Editor:

Prof. Dr. Teng-Chiu Lin

Department of Life Science,
National Taiwan Normal
University, Taipei 11677, Taiwan

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

Ecosystems are interconnected in multiple ways at the landscape level such that a landscape-level approach is necessary to assess the ecological responses to climate change. Due to the broad spatial coverage, frequent lack of replicates, and uncertainties and complexity of climate effects, remote sensing analysis and ecological modeling are of increasing importance in the assessment of landscape-level responses to climate change.

This Special Issue welcomes research using remote sensing techniques and/or the application of ecological modeling to assess and/or predict climate effects on structure and function of all types of landscapes. We welcome a wide range of submissions including but not limited to the application of rapidly evolving remotely sensed data and diverse ecological modeling to assess broad-scale responses to climate change. Submissions focusing on methodological development in remote sensing techniques and/or ecological modeling approaches for assessing landscape–climate interactions are also encouraged. In addition, we welcome both original studies and reviews and syntheses so long as they fit the main theme of this Special Issue.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)