

Special Issue

Remote Sensing of Invasive Alien Species—towards Effective Monitoring and Management (Second Edition)

Message from the Guest Editors

This is the 2nd edition of the Special Issue “[Remote Sensing of Invasive Alien Species—towards Effective Monitoring and Management](#)”. This Special Issue aims to collect recent research results and experiences related to their implementation in practice. It is dedicated to the use of remote data acquisition technologies concerned with the detection, mapping, and monitoring of invasive alien species (IAS), enabling their widespread use in further research and in various sectors of the economy. We also encourage you to share research that did not deliver the expected results and to discuss the limitations of the methodology used, which will allow us to develop the most effective, transferable, and least costly procedures. Topics include but are not limited to:

- Influence of spatial and spectral resolution on the quality of invasive species detection—practical constraints and possible opportunities;
- Effectiveness of data fusion in IAS identification;
- Classification algorithms utilized in IAS identification;
- Machine learning and AI in IAS identification;
- Invasive species detection: weaknesses and strengths of remote sensing methods;
- ...

Guest Editors

Dr. Sylwia Szporak-Wasilewska

Department of Hydrology, Meteorology and Water Management, Institute of Environmental Engineering, Faculty of Civil and Environmental Engineering, Warsaw University of Life Sciences—SGGW, Nowoursynowska St. 159, 02-776 Warsaw, Poland

Prof. Dr. Barbara Tokarska-Guzik

Institute of Biology Biotechnology and Environmental Protection, University of Silesia in Katowice, 40-032 Katowice, Poland

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

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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

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