



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

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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;
- ...





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Message from the Editor-in-Chief

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