

Special Issue

Drones, Artificial Intelligence and Advanced Analytics for the Conservation of Threatened Species

Message from the Guest Editor

There is an increasing recognition that the most powerful impacts will occur when drones are used in combination with machine learning, and the advanced techniques that are required to analyse the data collected. This Special Issue aims to gather original articles and reviews showing practical applications of remote sensing using drones and AI in conservation. In particular, it aims to show innovative uses of drones and AI in different contexts together with advances in machine learning techniques for image analysis, for a range of threatened species and environments. Development and critical evaluation of techniques for the analysis of data collected using these approaches is also encouraged to provide a coherent and holistic approach to the use of technology and analytics in conservation.

Guest Editor

Dr. Grant Hamilton

Faculty of Science, School of Biology & Environmental Science,
Queensland University of Technology, Brisbane, QLD, Australia

Deadline for manuscript submissions

closed (30 September 2022)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/63373

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



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)