Special Issue

Applications of Remote Sensing in Spatial Ecology

Message from the Guest Editors

The study of spatial ecology offers a compelling opportunity to integrate robust ecological concepts with their application to habitat conservation and ecosystem services. In recent years, spatial ecology has used remote sensing tools and datasets to analyze trends in a variety of research fields, including landscape ecology (e.g., the relationship of spatial patterns to ecological processes), conservation biology (flora and fauna), population ecology, and even carbon sequestration modeling. This Special Issue welcomes articles that examine ecological topics using remote sensing datasets from satellites, aircraft, UAVs, and other sources, including but not limited to:

- Interactions between species, range analysis of several species, and how they use diverse habitats across landscapes;
- Identification of the causes of species loss and the drivers of biodiversity change (e.g., climate, anthropogenic factors);
- Development of algorithms for analyzing ecological data at various spatial scales;
- Natural resource management (e.g., forestry, watershed, soil) and ecologically based agriculture concerns;
- Numerous tools, such as Google Earth Engine.

Guest Editors

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Deadline for manuscript submissions

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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

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