Special Issue

Remote Sensing and Geospatial Approaches for Landscape Ecology

Message from the Guest Editor

Landscape ecology focuses on the analysis of spatial patterns to investigate how altered landscapes affect ecological processes. Remote sensing technologies provide fundamental tools and data to this scientific discipline, largely due to the strong spatial component of its analyses. Optical and radar remote sensing imagery supply key information to map spatially explicit variables that can be processed and analyzed using different geospatial approaches. This strong link is gaining importance in applied ecological research, due to expanding global environmental change processes, such as biodiversity loss and land use change. This Special Issue invites research papers describing cutting-edge research on the application of remote sensing technologies from any platform (satellite, aircraft, drones, etc.) to the study of landscape ecology problems. Possible topics include, but are not restricted to: mapping of landscape processes under change dynamics, methods for monitoring ecosystem processes, effects of scale on monitoring landscape properties, novel remote sensing data, and approaches for socio-ecological landscape assessment.

Guest Editor

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Deadline for manuscript submissions

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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

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