Special Issue

Remote Sensing of Urban Forests and Landscape Ecology

Message from the Guest Editors

The main objective of this Special Issue is to provide a comprehensive overview of state-of-the-art remote sensing (RS) applications, aiming to enhance the management practices of urban forests. It will mainly focus on the high-precision mapping of urban forests and their relationship with the ecological functions and services that they provide in the urban environment.

The SI is devoted to:
- Research related to improvements in the current high-precision mapping of urban forest structures up to the tree species level, using RS.
- Novel applications, including the mapping of allergenic tree species or specific ecosystem services, are highly encouraged.
- Research based on RS and external data sources related to a better quantification of the role of the urban forest in the improvement of urban, environmental and social conditions in terms of air pollution, urban flooding and heat reduction, biodiversity and social wellbeing.
- Novel approaches to the analysis of urban landscape patterns and their interactions between ecosystems and ecological processes using a state-of-the-art inferential statistical analysis, spatio-temporal statistics, or predictive modeling.

Guest Editors

Dr. Ivan Pilaš

Dr. Mateo Gašparović

Dr. Damir Klobučar

Deadline for manuscript submissions

closed (1 January 2024)

Remote Sensing

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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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