Special Issue

Afforestation to Enhance Ecosystem Services and Reduce Negative Impacts

Message from the Guest Editors

As a nature-based solution, afforestation plays a vital role in combating global warming, land degradation, and biodiversity loss. It is necessary to rationally optimize afforestation patterns and tree species based on input–output analysis, linear programming, machine learning, and other spatial optimization analysis methods by considering the costs and benefits of forest from multiple perspectives, so as to enhance regional ecosystem services and reduce negative impacts.

This Special Issue plans to give an overview of the most recent advances in the field of afforestation pattern optimization and ecological management.

Potential topics include, but are not limited to:

- Forest monitoring and assessment;
- Forest ecosystem functions and services;
- Urban and regional forest spatial pattern optimization;
- Cost and benefit analysis of afforestation;
- Impacts of climate change and human activities on forests;
- Ecological planning and management;
- Model simulation and scenario analysis.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2025)

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/188694

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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