Special Issue

Forest Conservation: Natural Resources and Biotechnological Strategies

Message from the Guest Editor

Forest conservation is vital for maintaining biodiversity, mitigating climate change, and ensuring the sustainable use of natural resources since forests deliver essential ecosystem services such as carbon sequestration, water regulation, and soil stabilization. Despite the importance of forests, deforestation driven by agriculture, logging, and infrastructure development continues to degrade forest ecosystems globally. Native forests, especially those in less-publicized regions such as dry forests, savannas, and transition zones, often receive limited media and scientific attention, despite harboring unique biodiversity and cultural value. Preserving these ecosystems requires not only field-based conservation efforts but also bibliometric analyses to understand research trends, knowledge gaps, and regional disparities in scientific focus. Biotechnological strategies, including genetic engineering, micropropagation, and omics-based tools, can aid in restoring native tree species and enhancing forest resilience. Additionally, technologies such as remote sensing and GIS contribute to better monitoring and management.

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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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