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Subject Areas

- forest ecology, management, and restoration
- forest economics, natural resource policy and planning
- silvicultural systems
- forest entomology, forest pathology
- forest ecophysiology and biology
- forest genetics, tree breeding and biotechnology
- climate change impacts
- forest biomass, quantitative methods and remote sensing









Special Issue "Research on Forests Landscape Preservation and Pollution Ecology"

The overall appearance, structure, and characteristics of forests are vital components of the Earth's ecosystems, providing numerous ecological benefits such as carbon sequestration, biodiversity conservation, and watershed protection. These crucial roles contribute to maintaining ecological balance and supporting biodiversity. Preserving forest landscapes and understanding the impacts of pollution on forest ecosystems are essential for sustainable environmental management. However, forest landscapes are facing significant threats from human activities, including deforestation, pollution, and land-use changes. The forest landscape encompasses various elements such as the composition of tree species, vegetation patterns, topography, soil types, and natural features present within the forest ecosystem. The preservation of forest landscapes involves assessing the spatial distribution of forests, analyzing landscape dynamics, and identifying key drivers of change, including human activities, climate factors, and natural disturbances. Therefore, this Special Issue aims to focus on contemporary forest landscape preservation and pollution mitigation research, practices, techniques, and sustainable management strategies aimed at addressing topical challenges and promoting sustainable practices. Publications in this Special Issue should aim to address one or more of, but not limited to, the following areas: forest biodiversity conservation, forest resource management, forest soil biology, and forest landscape preservation.

Guest Editors: Dr. Matthew Ogwu; Dr. Maribel Ovando-Martínez

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