Special Issue

Climatic Controls of Biodiversity and Forest Dynamic

Message from the Guest Editors

Fires, human activities, and insect and pathogen infestations destroy mature, climax, and relic forests followed by secondary forests, monoculture plantations or wastelands. These extreme impacts on the forest are additionally intensified by contemporary and predicted climate changes that do not immediately alter forest cover as do fire, logging, and insects though climate change can assist these actors in accelerating their destructive processes. Anthropogenic pressure on forests impoverishes their biodiversity because of destroying relic, endemic, rare, endangered plant species. Tree species of precious wood are especially subjected to destruction resulting from overharvesting for timber, e.g., the ebony tree in the tropics or 300-year-old trees of Siberian pine in Siberia.

The goals of our Special Issue are to collect studies that reveal the relationships between the tree (and other forest plants) species biodiversity (alpha, beta, gamma indices) and climate variables globally, to identify ongoing climate change trends, to relate forest dynamics to climate change, and to find indicators of change in forest dynamics.

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Deadline for manuscript submissions

closed (15 September 2022)

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

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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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