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Forest As a Complex Ecosystem and Impact of Fire on Forest Resources

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ABSTRACT:

Long An ecosystem is composed of interwoven living organisms and their natural environments. A complex ecosystem known as a forest is made up of a variety of spices, geology, topography, and climate that are all connected by biotic and physical processes and, most significantly, are inhabited by flora. Forests are a valuable natural resource that may be maintained and exploited responsibly to create a range of goods and to satisfy the demands of human society in the future. The varied resource values and environmental services of current forests must be maintained, and depleted forests must be restored, since forests make up around 31% of the world's land area. The greatest significant threat to forests among these natural hazards is wildfire. A region's bio-diversity, ecology, and ecosystem are all severely disrupted by forest fires, which endanger not only the forest capitals but also the entire regime of flora and animals.

This article examines several forest ecosystem components and analyzes how fire shapes the composition and structure of forests. To preserve the stability and diversity of ecosystems, several forest fire mitigation strategies are addressed.

Keywords: Natural Resources, Ecosystem, Forest Fire

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