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Biodiversity conservation and indigenous knowledge in forest ecosystems**Priya Nair**

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Forest ecosystems play a critical role in maintaining biodiversity and supporting climate regulation. This study examines the contribution of indigenous communities to forest conservation through traditional ecological knowledge and sustainable resource management practices. Findings suggest that integrating indigenous conservation methods with modern environmental policies strengthens biodiversity protection and ecosystem resilience. The research advocates

for inclusive conservation strategies that recognize local community participation in environmental governance.

Biography

Priya Nair is an environmental researcher with expertise in biodiversity conservation and indigenous ecological practices. Her work highlights the role of traditional knowledge in sustainable ecosystem management and climate adaptation.