

Date:
8 May 2024

Cambodia Grapples with Fresh Fire Incidents Amidst Alarming Tree Cover Reduction

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A series of new fire incidents have been reported across multiple provinces in Cambodia, raising concerns over the country's environmental stability. On May 8, 2024, fire alerts were registered in Ratanakiri, Steung Treng, and Preah Vihear provinces, each recording a single incident. These fires add to the growing environmental challenges faced by Cambodia, which has seen a significant reduction in tree cover over the past two decades.

Cambodia's tree cover extent, which spans over 8.80 million hectares, has experienced a net loss of approximately 2.64 million hectares, marking a 25.59% decrease. This loss is primarily attributed to shifting agriculture, forestry, and urbanization. Shifting agriculture alone accounts for a substantial portion of the tree cover loss, with a notable 2,767 hectares affected in 2021.

The cumulative impact of these activities has not only reduced the tree cover but has also led to significant carbon emissions. In 2022, the total tree cover loss was over 103,000 hectares, contributing to more than 61 million metric tons of CO₂ emissions. While the exact contribution of wildfires to these figures is not specified, the recurrence of fire incidents suggests an underlying vulnerability in forest management and environmental conservation.

As Cambodia confronts these incidents, the broader implications for biodiversity, climate change, and local livelihoods become increasingly pressing. The country's struggle with tree cover loss and fire incidents underscores the need for a comprehensive approach to environmental stewardship, one that balances development with the preservation of natural resources.