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Display Settings: AbstractYing Yong Sheng Tai Xue Bao. 2000 Aug;11(4):481-4.**[Forest ecosystem services and their ecological valuation--a case study of tropical forest in Jianfengling of Hainan Island].**

[Article in Chinese]

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Abstract

This paper attempts to present forest ecosystem services and their indirect economic value of Jianfengling tropical forest in Hainan Island. The results show that average annual integrated ecosystem service value of Jianfengling tropical forest, which covers 44667.00 hm², adds up to 664.38 million yuan(Chinese RMB), of which, about 71.64 million yuan is of the output of standing trees and other forest products, about 394.29 million yuan of water-holding, about 2.47 million yuan of soil conservation against erosion, about 13.16 million yuan of carbon fixation for reducing green house effect, about 4.29 million yuan of nutrient retention for N, P, K, Ca and Mg, about 178.53 million yuan of air purification.

PMID: 11767660 [PubMed - indexed for MEDLINE]

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