Ecosystem Service Value of Forests in Yunnan Province

ZHHAO Yuan-fan,YIEN Qiu-zhong, AI Jian-lin (Yunnan Institute of Forest Inventory and Planning, Kunming 650051, Yunnan, China)

Using the data of the fifth continuous forest inventory of Yunnan province, and based on ecological function analysis methods, the authors assessed the ecosystem services values of forests in Yunnan province. The total value of ecosystem services at 12.533.80/188 yuan per year as the indirect product value was 12.224.36/108 yuan per year accounting for 98.95% of the total product value was 129.44 yuan per year, accounting for 1.05%. The ecosystem service value was 94.41 times of product value. The forest area and ecosystem value in Yunnan province account for 10.02% and 12.21% of China's total. The economic service value of the forest ecosystem per hectare of forest in Yunnan was 6.77*104 yuan per year, which was higher than the average value of China's 5.52*104 yuan per year.

[Key Words] Yunnan province forest ecosystem ecosystem service function assessment

【Citations】


Zhou Jun, Yang Kai1 School of Resources and Environmental Sciences, Shandong University. The Lab-of-Operator Laboratory of Urbanization Ecological Process and Ecological Restoration, East China Normal University, Shanghai. The valuation of ecosystem services: characteristics, issues and prospects [J]. Acta Ecologica Sinica, 2007, 3-01.


WANG Bing1, LI Shao-wei2 (Key Laboratory of Forest Ecology and Environment, State Forestry Administration, Beijing). The assessment of the forest ecosystem services in rural areas [J]. Journal of Anhui Agricultural Sciences, 2008-11.
DISTRIBUTION OF NET PRIMARY PRODUCTIVITY IN THE TIBETAN PLATEAU[J]. GEOGRAPHICAL RESEARCH, 1998, 4

JIA Lin-ping, JIANG Yuan-sheng, RONG Xiao-hong (College of Economics and Management, Sichuan Agricultural University, Ya'an, Sichuan, 625104, China); Evaluation of Ecosystem Services in Bilingxia Scenic Spot[J]. Scientific and Technological Management of Land and Resources, 2006, 3

©2006 Tsinghua Tongfang Knowledge Network Technology Co., Ltd. (Beijing) (TTKN) All rights reserved