

环境工程 地理学

西双版纳橡胶林生态经济价值初探

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摘要 应用市场价值评估法和影子工程法和替代成本法等方法对西双版纳橡胶林生态经济价值进行评估. 结果表明: 西双版纳橡胶林单位面积生态经济价值为 38 107 元/(hm²·a), 2005年该地区橡胶林生态经济价值为 49.54 亿元, 约为该地区当年GDP的 62.86%, 经济价值与生态价值比值为 1.14:1; 各服务类型价值大小顺序为固碳释氧>橡胶>林副产品>有机物生产>涵养水源>养分循环 >土壤保护, 其中固碳释氧为 14 900 元/(hm²·a), 养分循环为85元/ (hm²·a).

关键词 [生态经济价值; 西双版纳; 橡胶林](#)

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Ecological economic valuation of rubber plantation in Xishuangbanna (Chinese)

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Abstract

The valuation was made by using of market valuation method, shadow engineering method and opportunity cost method. The results indicated that the ecological economic value in unit area was 38 107 yuan/(hm²·a), and in 2005 total value was 49.54 billion yuan, which occupied 62.86% of total GDP in this area; the ratio of economical value and ecological value was 1.14:1. The values of various services were ordered as follows: Carbon fixation and oxygen release > rubber > forest by product > organic matter production > water conservation > nutrient cycling > soil conservation; carbon fixation and oxygen release was 14 900 yuan/(hm²·a), nutrient cycling was 85 yuan/(hm²·a).

Key words [ecological economic value; Xishuangbanna; rubber plantation](#)

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