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The Assessment of Forest Ecosystem Services Evaluation in Jiangxi Province

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A series of assessment index system suitable for Jiangxi forest ecosystem services was set up. We assessed the economic value of forest ecosystem services of Jiangxi province on the basis of the data of Dagangshan long-term observation, the forest resource of Jiangxi, and the data of social commonality. The results show that the total value of the province's forest ecosystem services is 701.053 billion yuan yr⁻¹ in the period of ninth five. The value of forest ecosystem services is 788 hundred yuan ha⁻¹ yr⁻¹. The total value of tenth five is 724.102 billion yuan yr⁻¹, 724 hundred yuan ha⁻¹ yr⁻¹. The value went up 3.29% and reduced 1.26%. In the seven services, the order is water supply, carbon fixed and oxygen released, biodiversity conservation, environmental purification, soil conservation, forest nutrition storage, forest tourism and ecological culture. The order of forest type is Chinese fir, masson pine, hard broadleaved forest, economic forest, bamboo, soft broadleaved forest, phoebe, mixed broadleaved forest, cinnamomum camphora, sassafras, paulownia and mixed forest of conifer and broadleaf. The order of tree species is phoebe, sassafras, hard broadleaved forest, paulownia, quercus, mixed broadleaved forest, cinnamomum camphora, soft broadleaved forest, bamboo, masson pine, mixed forest of conifer and broadleaf, economic forest, Chinese fir.

【Key Words】 : **Forest ecosystem Ecosystem services Assessment index system Value assessment Jiangxi province**

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