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# Economic Value of Urban Vegetation Ecosystem Services:A Case Study in Lanzhou

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The economic value of urban vegetation ecosystem service in Lanzhou was studied using the ways that Costanza et al evaluated ecosystem services.Five functions of ecosystem service was analyzed such as fixing carbon and releasing oxygen,conditioning climate,keeping waterhead,purifying environment,and restraining noises.The result showed that the urban vegetation ecosystem services provided enormous ecological benefits with the total value of RMB1.34×10<sup>9</sup> in 2000.The function of conditioning climate is the most important,the function of fixing carbon and releasing oxygen is the second,the functions of purifying environment,restraining noises and keeping waterhead are the last important.As for the case study in Lanzhou,the functions of restraining noises and purifying environment are in great need of protection in urban landscape management and ecological construction.

【Key Words】 : **ecological service evaluation of economic urban vegetation Lanzhou city**

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