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# Temporal variation and regional differences of ecosystem service value of Nanjing City.

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The changes of ecosystem service value affect the sustainable regional development,and the valuation of ecosystem service has been one of the hot topics in ecological study.By using per unit area ecosystem service value and eco-economic harmony index(EEH),this paper analyzed the temporal variation and regional differences of ecosystem service value of Nanjing.With the comparison in 2007 and in 1997,Nanjing City had six districts with the sub-zones of different per unit area ecosystem service value,while seven districts and counties having the same per unit area ecosystem service value sub-zones.In general,the regional per unit area ecosystem service value showed the features of counties suburban areas urban areas.In 1997-2007,the eleven districts and two counties of Nanjing City were of five different types of eco-economic harmony zones.Three districts and two counties belonged to eco-economic harmonious zones,while the other eight districts belonged to eco-economic inharmonious zones.The strategies of ecological construction adjustment in different districts and counties of Nanjing City were put forward,which could provide reference for the decision-making of the harmonious eco-economic development and regional sustainable development of the City.

【Key Words】 : **ecosystem service ecosystem service value per unit area eco-economic harmony temporal variation regional difference.**

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