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Valuation of Grassland Ecosystem Services in Ningxia

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According to the per unit area grassland ecosystem services value and the biomass of each grassland type,the value of both the natural and artificial grassland ecosystem services in Ningxia was evaluated.As indicated by the results,①The value of the natural grassland ecosystem services in Ningxia was RMB 80.67×108 in 1980,RMB 43.96×108 in 1997,RMB 21.22×108 in 2004,and RMB 16.28×108 in 2005.②The total value of natural grassland ecosystem services decreased gradually from 1980 to 2005.The ecosystem services value of temperate meadow steppe increased in 2004,that of others grassland types declined gradually.③ The ecosystem services of artificial grassland increased gradually.④ The economic services value accounted for a little proportion in the total ecosystem value of natural grassland,while the ecological services value was much larger.⑤ The ecosystem services value of grassland decreased obviously from 1980 to 1997,while experienced no significant change from 2004 to 2005.The ecosystem services value of grassland decreased constantly,but was still higher than the total output value of animal husbandry of the same year.

【Key Words】 : **Grassland Ecosystem services Valuation**

【Fund】 : 国家自然科学基金项目(30960268);: 973计划前期研究专项(2010CB434805)

【CateGory Index】 : S812



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