Estimation of the Recreational Value of ecological resources of Shirinsu wetlands using a Zonal travel cost Method, Hamedan

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Abstract

Wetlands play an important role in survival of the human species and animals. Estimating the value of their existence will make growth and development of internal and external ecotourism development. The present study aimed to estimate the economic value of Shirinsu wetland in the Hamadan province using the method of the Zonal travel cost. Correlation and regression analysis used to conduct research. Data needed for research, such as the socio-economic, Tourists travel cost and distance to Shirinsu lagoon side, collected using a random sampling of 100 completed questionnaires were filled in the summer 2013. Data analysis performed by SPSS software. The results of statistical analysis between income levels and number of working days and lagoons to pay and entrance showed that they strongly and positively correlated. Also there was a strong and negative correlation between the number of visitors,travel cost and the distance for visit. Results showed respectively age, education, income visitors, cost and distance has a significant effect on the promenade. Estimation of Tourism Demand of Shirinsu wetlands also showed that the cost of travel, the amount of monthly income, Age and education level are most significant factors($p<5\%$). Also calculating the area under the curve of demand from visitor's daily and annual recreational value of shirinsu wetland was equivalent to 92000515 and 33580187975 riyals. Thees results show the high economic value promenade that need more attention to management and development of tourism in this region.

Keywords: wetlands, Economic valuation, Zonal travel cost, Shirinsu, Hamadan.