

A Research Study on Planning of Water-Based Recreation Operation on the Deriner Reservoir and Its Near Around

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Abstract : People who want to get rid of stress and intensive working tempo for a while head for recreation operations in order to get rest and have fun. Therefore, planning recreation operation makes contributions to social, physiological, economic and psychological development of an individual and the community in a way that the needs of people meet regularly and constantly. The rapid increase of world population rate makes necessary of benefit from natural or man-made resources in a multiple way. Dams and reservoirs which are built near urban area with the aim of electrical energy conversion and agricultural irrigation are considered as natural area providing various opportunities such as recreation operations. Dams have a great importance regarding to protection and improvement of water resources and coming into service of community. There should be a priority to protect these water resources, which are essential for nature and living organisms. It should be taken into consideration that these water resources are the most important input in the area and have high nature value to make sustainability of recreation effectiveness. The Deriner reservoir that has been built yet near the province of Artvin with natural and cultural properties is considered as an alternative option for meeting the needs of people for sportive and recreation activities and as a potential for planning of water-based recreation activities. Hence, in this study, activities that meet the expectations of people who get benefit from the area considering to natural, cultural and sportive recreation opportunities will be developed. In the first place, planning criteria for some sportive and water-based recreation operations will be defined in order to use the area for recreation and sportive activities and these criteria will be a base for a macro planning work within the holistic perspective of natural, cultural, and economical structure of the area. After this time, necessities of local people and evaluation of reservoir recreational potential will be determined, end then different socio-economic groups according to their in-come, age groups will be chosen and the questionnaire which has already prepared will be done these groups, as a result of these questionnaire recreational activities in water necessities will determine and we are going to develop different suggestion for this reservoir.

Keywords : dam, dam lakes, Deriner, recreation, water based activities

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