



## **Factors influencing farmers' participation in sustainable use of Qanat water in Taft district**

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The present descriptive – correlative research was conducted to investigate the factors determining farmers' participation in sustainable use of water in Qanat in Taft district. The sample population of the study consisted of all Qanat users of Taft (14466 users). 1220 users were sampled using Kokaran formula by proportional stratified random sampling method. Data collection instrument was a questionnaire whose validity was confirmed by a panel of experts. The data were analyzed by SPSS: win software. The results of stepwise regression analysis showed that variables of attitude toward participation, social participation and the executives of Qanat explained 59.5 percent of variances of farmers' participation in sustainable use of Qanats water in Taft district.

**Keywords:** Participation, Sustainable use, Qanat, Taft district