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ST 23**Implementation of water spreading project as a logical strategy of drought control in arid zones
(Case study: Miankooch waterspreading system of Mehriz, Iran)****A. Talebi, M.T. Dastorani & Kh. Foruohar**

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One of the important purposes of the implementation of water spreading projects is increasing water resources in downstream (especially in dry years). In our country (Iran), water spreading can be performed as the best ways for water resources development. Then, one of the evaluation methods of these projects is the survey of the rate of increased water resources in their downstream. The water spreading project of Miankooch has been located in outlet of Mehriz city in central Iran. To investigate the effect of water spreading project of Miankooch on water resources in downstream, the T test of paired sample, the movement average of discharge in aqueducts and annual average of water level in wells were used. Water resources that have been studied in this research includes of Baghdad-abad aqueduct, Ebrahim-abad aqueduct (as the witness), Hosaineyeh Mazvir-abad well and Medzwar well (as the witness). Our results indicate that influence of Miankooch water spreading on increasing the water resources discharge in downstream is positive. Furthermore, implementing of this project regulates the effects of drought in drier years in this region.

Key words: aquifer management, water resources, water spreading, aqueduct.

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ST 24**What Determines Adoption of a Clean Technology: Cost of the Technology or Cost of Production?****Chandrakant Pradhan**

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The deployment of energy efficient technologies in polluting industries is being considered an important strategy for mitigation of greenhouse gases. It is also an important policy approach to control local pollution caused by industries because of their old and traditional technologies. Recent