

عنوان مقاله:

Farmers' Perceptions toward Agricultural Water Conflict: The Case of Doroodzan Dam Irrigation Network, Iran

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خلاصه مقاله:

Water conflict is considered as one of the major challenges in agricultural water management. "Agricultural water conflict" is a term describing disputes and differences among water stakeholders over an access to water resources in the agricultural sector. The purpose of this paper was to investigate farmers' viewpoints toward agricultural water conflicts. A descriptive correlation method was adopted and the study was conducted in Doroodzan dam irrigation network in Fars province, Iran. Multistage stratified random sampling was used to collect data from ۲۹۴ farmers. The research tool included a questionnaire whose validity was confirmed by a group of professionals. A pilot study was conducted during which the Cronbach's alpha test was calculated to determinate the reliability of data collection instrument. Findings revealed that, among the groups involved in water conflicts, the main conflict was between farmers and the government. Farmers in downstream were the main losers in water distribution. The dominant water conflict was "latent" as well. The main reasons for agricultural water conflict were "water scarcity", "drought", and "the kind of water management". Farmers' satisfaction toward water management was "low". Farmers' age, education levels, satisfaction toward water management, and attitude toward geographical and climatic conditions had a significant relationship with agricultural water conflict.

کلمات کلیدی:

Agricultural water conflict, Farmers, Doroodzan dam

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