

Gündođdu KS, Arici İ, Deđirmenci H, Korukçu A (2006) Basic Information System Directed at Monitoring and Evaluation in Irrigation Projects, Journal of Applied Sciences 6(2): 328-332.

Abstract

In this study, we present a new GIS-Based Information System designed to supply information, data query, analysis for irrigation system management and performance assessment. It is called SUGIS which means SULama, the Turkish term of irrigation and Geographical Information System. The system is composed of three main modules that are Information System Data Input (ISDI), Information System Questioning (ISQ) and Irrigation System Assessment (ISA). In the ISDI module, data is classified and stored in two different groups; as static data that varies according to the project site and dynamic data, which is updated seasonally based on changing environmental conditions and crop patterns. Our preliminary results indicated that this new GIS based information system provides valuable information to both farmers and irrigation engineers as well as system managers.