

## **ABSTRACT**

Cooperative firms have a significant effect on rural developing. These companies are known as active environments in agriculture, especially in industrial countries. Literature reviews about agricultural cooperatives showed that these firms have important role for making decisions. Agricultural cooperatives are important for efficiency of agricultural developing which can improve economical welfare in agriculture by being arbitrary and emphasis on developing knowledg. The aim of rural cooperatives in Iran is to maximize efficiency for using of water and soil by different programs. In this research, the efficiency and performance of agricultural cooperatives are assessed in Sistan and Baluchestan province. For this aim, DEA method is used for economical evaluating performance of agricultural cooperatives in Zabol, Zahedan and Nimrooz. Regression model is used for assessing effective parameters on cooperative's performance. Finally, choosing the best model based on rank of agricultural cooperatives is used from AHP analysis.

**Keywords:** Agricultural cooperative, Sistan and Baluchestan, Random performance, Efficiency.



The University of Zabol

Graduate School

**The Thesis of M.Sc. in Agricultural Engineering**

Title:

**Investigating on the performance and  
efficiency of agricultural cooperatives  
in Sistan and Baluchestan province**

Supervisor:

**Dr. Saman Ziaei**

Advisor:

**Mr. Alireza Sargazi**

Research by:

**Abbas Ghavidel**

**Oct. 2016**