

**A Study of Farmers' Environmental Behavior in
Fayoum Governorate**

Galal, M. A

*** Agricultural Economics Dept., Fac. Of Agric., El-
Fayoum Univ.**

Abstract

The main objective of this study was to identify the level of environmental knowledge of the farmers concerned, identify the most important variables affecting the level of environmental knowledge of the farmers surveyed, identify the level of environmental trends of the surveyed farmers, identify the most important variables affecting the environmental trends of the farmers surveyed, For the farmers concerned, and to identify the most important variables affecting the level of environmental practices of the farmers surveyed.

The study was conducted in the village of Zawyet Al-Karadseh in the Fayoum Center in Fayoum Governorate on a random sample of 320 respondents, representing 10% of the total number of farmers surveyed in the study area. The field data were collected by means of a questionnaire questionnaire that was collected in a personal interview with the surveyed farmers. The statistical analysis methods used in the study were: Pearson's simple correlation coefficient,

the progressive multiple regression analysis method, the use of repetitive distribution tables and percentages in the presentation and description of the data. The consistency coefficient (α) was used to measure the consistency of the internal components of the composite variables.

The results showed that about 72.2% of the total number of surveyed farmers had an average environmental knowledge level, 61.3% had a neutral environmental orientation and 60.9% had an average level of environmental practices. The most important variables affecting both the levels of knowledge, orientation and environmental practice of the farmers were: openness to the outside world, level of health awareness, level of household facilities. The study concluded by discussing the most important results and highlighting their theoretical and practical implications.