

The role of agricultural extension in coordinating with local community organizations to raise awareness of climate change and its environmental effects in the Egyptian countryside

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ABSTRACT

The current research aimed to identify the role of agricultural extension in coordinating with local community organizations to raise awareness of climate changes in the Egyptian countryside. The comprehensive study reached 599 agricultural extension workers in the governorates of Gharbia, Minya, and Kafr El-Sheikh. The size of the study sample was determined using the Krejsi and Morgan equation, as the sample size reached 234 respondents. Data was collected using the personal interview questionnaire form. The data was presented and analyzed using both frequencies and ratios. Percentile, arithmetic mean, standard deviation, and chi-square test.

The most important results are summarized as follows:

- Regarding the respondents' coordination with local community organizations to raise awareness about climate change, it turned out that about 55.6% of the total study sample fall into the middle category, while about 29.9% of the total sample falls into the high category, while the low category represents about 14.5% of the total study sample.
- There is a significant relationship between the role of the respondents in coordinating with local community organizations to raise awareness of climate change as a dependent variable and each of the following independent variables: obtaining training courses in the field of counseling, the position of the counseling profession among the professions in the village from the perspective of the respondents, the number of farmers in the area where the respondent works, the area supervised by the respondent, the degree of job satisfaction, the degree of exposure to sources of information on climate change, the number of training courses in the field of extension, and the indicative methods used to raise awareness about climate change, at the probability level 0.01.

- As for the distance of the place of residence from the workplace, the length of service in extension work, obtaining training courses in the field of extension, achievement motivation, and forms of the media message related to the phenomenon of climate change, it was proven that there was a significant relationship between them and the dependent variable at the probabilistic level of 0.05. This means rejecting the null hypotheses (3,7,8,15,16,17,18,19,20,22,23,24) and accepting their alternative hypotheses.

Keywords: Role of Agricultural Extension, Local Organizations, Climate Changes.