



Investigation and analysis of environmental attitudes of farmers in Ilam province

**Ali Reza Poursaeed¹, Roya Eshraghi Samani², Samireh Say Mohammadi³,
Fateme Ghorbani Piralidehi^{4*}, Mahsa Sadvandi⁵**

¹Assistant Professor and Faculty member of Sciences campus and Researches of Ilam Branch, Iran, ²Assistant Professor and Faculty member of Islamic Azad University Ilam Branch, Iran, ³PHD student of Agricultural Development campus of Agriculture Razi University, Iran, ⁴PHD student of Agricultural Extension and Education campus of Agriculture Razi University, Iran, ⁵M.sc student of Agricultural Extension and Education campus of Agriculture Razi University, Iran
fateme_ghorbani1143@yahoo.com

The purpose of this study was investigation and analysis of farmers' environmental attitudes in Ilam Province. This study was conducted by using survey method. Population of this study was consisted of all Ilam province farmers. 210 of them were selected as sample by using Cochran formula and based on their cities. The main data collection tool was a questionnaire. The most important and obvious part of questionnaire was related to farmer's environmental attitude. It was assessed by means of, Danlp et al. new environmental paradigm test (NEP). This test contains 15 questions in a form of five scale Likert range. Each 3 question of it take consideration into special aspect of five dimensions of environmental attitude (equilibrium dimension, environmentalism, humanitarianism, environmental crisis, growth restriction). In this test, the highest score (75), indicated farmers' environmentalism (environment-centered) and the lowest score (15) reflects humanitarianism (human-centered). After questionnaire design, its construct and face validity was confirmed by experts and specialists. In order to verify the reliability of the questionnaire, Cronbach's alpha coefficients calculated. This coefficient was 0/57 to 0 /86 for different variables. Data were analyzed using SPSS 18 statistical software. For data analysis and interpretation, frequency, spearman correlation and mean comparison tests (Man Whitney and Kruskal-Wallis) were used. Findings of this study indicated that, environmental attitude among Ilam province farmers is moderate.

Key Words: Environmental attitudes, farmers, new environmental Paradigm (NEP)