



**Determine the influence of Agricultural Engineering Technical
in performance of Jihad- and Advisory Service Firms (AETASF)
Keshavarzi institution in Kermanshah province**

Mohammad Kazem Rahimi^{*1}, Kiumarz Zarafshani²

¹ M.Sc. graduate in extension and education, Razi University

² Associate Professor, Department of Extension and Rural Development, Razi
University

Mk.rahimi@gmail.com

The purpose of this descriptive survey study was to determine the influence of Agricultural Engineering Technical and Advisory Service Firms (AETASF) in performance of Jihad-Keshavarzi institution in Kermanshah province. Quantitative research design was used with closed-ended questionnaire. Validity and reliability of research instrument proved valid and reliable with alpha coefficient of 0/89. The population consisted of all Agricultural Service Center (ASC) managers (N = 53) and AETASFs managers (N=103) using census study. The ASCs managers are continuously monitoring and managing AETASF members. Results revealed that AETASFs were more active in educational and advisory activities but less active in field work. The result of this study has implication for rural development policy-makers in that more sustainable agricultural practices is possible provided that AETASFs receive more incentives for their sustainable teaching behavior.

Key words: Agricultural Engineering Technical and Advisory Service Firms (AETASF), Agricultural Service Center (ASC), Kermanshah