



University of Zabol  
Graduate school  
Faculty of Agriculture  
Department of Agricultural Economics

**The Thesis Submitted for the Degree of M.Sc  
In the field of Agricultural Economics**

**Title:**

**Evaluation and Determination of  
Rurals Income Diversity in Zabol**

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## Abstract

Rural households in order to manage risk, create an income stream and allocation of surplus labor need to diversify their income sources. Accordingly, in this study initially the city of Zabol rural utility function using the Agricultural Household Model (AHM) was estimated. Then, the diversification function of rural income was estimated. After estimating functions using the Tobit model the impact of each element on the situation of rural income was evaluated. The dates required is related to year 2011-2012 that by method of sampling was collected. Solving the proposed model in the software SAZAM and Eviews took place. The results showed that sources of rural income in Zabol city includes income from agricultural activities, animal and peripheral and the share of income from agricultural sector is the more than other sectors. The results from Tobit model showed that in terms of influence effective variables, significant difference in levels one and five percent between different parts of the income were observed Maximum probability values after estimating the model for the agricultural income sector were obtained. In the end, order to create income diversity for rural households in city of Zabol, sufficient investment in education and coordinating redistribution activities executive agencies in the allocation targeted subsidies to rural households was proposed.

Keywords: Income Diversity, Agricultural Household Model, Rural Livelihoods, Zabol