## Analysis of the role of tourism in the developments of rural settlements of Guilan province in the last decade (Case study: villages of tourism destination in east of Guilan province).

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Tourism is one of the effective factors in the development of rural settlements, which in dimensions such as texture and physical components, economic status, social and cultural structure and its environmental conditions. The purpose of this study was to investigate the role of tourism in functional changes in villages of tourism destination in East of Guilan province. The research method used in this descriptive-analytic study was used to collect information using documentary and field studies. In field studies, to investigate the role of tourism in economic, physical, and environmental changes, viewing and interviewing managers Local villages of the tourism destination of East Gilan were used. In order to study the role of tourism in sociocultural changes, a questionnaire was used. The statistical population included 30 local managers of the villages that were all numbered and the data collected the guestionnaire through correlation test (Pearson) and t test have been analyzed The results show that tourism in the last decade (2006-2016), although it has increased job opportunities and increased income levels of rural residents, has led to rising commodity prices, the seasonal nature of tourism-related occupations, job losses, and the recession of activities related to Agriculture has been in the seasons of tourism. In the social and cultural field, there are more positive effects, such as updating the living requirements of villagers, improving the individual and public health situation of villagers, and increasing the interaction of villagers with tourists. In spatial terms, such effects as increased construction, increased ownership of non-indigenous people in second homes, land use change, housing pattern change, in the study area. In

terms of environment, the arrival of tourists has led to an increase in the amount of waste, noise pollution, air pollution, water and soil. The findings of the research show that the number of second homes constructed in the study area during the recent decade has grown by 110.6%, and in this regard, the villages of Anbarsar and Balarood with 55 and 42 second homes, respectively, have the maximum second homes among villages The results also showed that in the services and welfare areas of Hassan Sara village, which has 5 hotels, 8 restaurants and 15 supermarkets, has the best performance among other villages According to field studies, the amount of waste produced in the seasons of tourism has grown by about 80% compared to nontourism seasons. In this regard, the largest amount of waste produced in the seasons is related to the villages of Anbarar (about 420kg) and Hasan Sara (about 350kg).

Keywords : Rural Tourism, Functional Developments, Functional changes, Guilan Province

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