

## Abstract

Designing the rural settlements should be in line with the climate conditions and maximum utilization of the native building materials should be considered; but in recent decades, the connection between the city and the village has expanded and the urban patterns have shifted to the village and new materials such as iron and concrete have come into the village at the same time. Unfortunately, we see that the Rural design is completely empty in such a situation. Therefore, change in the rural settlements pattern in Zabul county describes the necessity of designing the rural settlements in this city. The purpose of this study was to study the quality of the rural settlements designing. Accordingly, the present study was conducted with a combination of descriptive-analytical methods. In this regard, the research data were collected in two ways: library and field observation, and checklist preparation. After selecting the target villages, the research will be calculated using Cochran formula. AutoCAD, GIS and SPSS software were used for data analysis. The results of T-Test show that considering the significance level less than  $0.05$  and negative upper and lower limit, it can be said that rural settlements of Zabul county have to some extent formed based on the basic principles and standard of rural settlements design and they are unaffected by the urban design patterns. The results also show that the environmental conditions with a beta coefficient of  $0.349$  have the most influence on design of rural settlements in Zabul county. The results also show that the environmental conditions with a beta coefficient of  $0.349$  have the most influence on design of rural settlements in Zabul county.

**Keywords:** designing, settlement, village, Zabul county.



**University of Zabol**  
Department of Geography

Thesis Submitted in Partial Fulfillment of the Requirement for the  
degree of Master of Science (MSc) in Geography and Rural Planning

**Title**

Study of Designing Rural Settlements in county Zabol

**Supervisor**

Dr.gharib fazelniya

**Adviser**

Dr. Hamid Heidari Mokarrar

**By**

Sadegh roozkhosh

Winter 2020