



University of Zabol  
Graduate school  
Faculty of Literature and human sciences

Department of Geography

**The Thesis Submitted for the Degree of M.Sc  
(in the Field of Geography and Urban Planning)**

**Evaluation of the Quality of the living Environment with the Approach  
of Environmental Indicators (case Study: the Neighborhoods of two  
Districts of Zabol city)**

**Supervisors**

Dr. A. Shabazi

**Advisors**

Dr. Gh. Khammar

**By:**

Mohammad Pudineh Tamiz

Spring 2023

## **Abstract**

Due to the increase in urbanization and the high speed of urban developments, the quality of residential environments in many urban areas has decreased drastically. What is clear is that all urban problems and inadequacies have an environmental quality factor. In fact, with the increase in the quality of urban environments, the level of citizens' satisfaction with life in the city environment, the reduction of social inadequacies, the sense of belonging in citizens, the participation levels of citizens and the creation of a reliable collaborative atmosphere, etc., are also increasing. There is an improvement. In this regard, the aim of the current research is to investigate the quality of the living environment of the districts and the city of Zabol with the approach of environmental indicators. The research method is descriptive-analytical and the results of this research have a user and development aspect.

The results of the research are related to the leveling status of the neighborhoods of the two cities of Zabol using the TOPSIS model and the resulting weights from TOPSIS in GIS. the 12 neighborhoods under investigation, Khandaq neighborhood with a score of 0.904 is ranked first in the stratification of neighborhoods and the situation is suitable. It has more But in relation to which index has the greatest effect on the satisfaction of the residents in the quality of the living environment, the research findings show that the index of creating connections with an average of 34.7 and a significance level of 0.32 is higher than the average and this It means that it has a greater impact on the satisfaction of the residents.

**Keywords:** Neighborhoods, Environmental quality, Environmental Life, Zabol city