



University of Zabol
Graduate school
Faculty of Literature and Human Science
Department of Geography

The thesis Submitted for the Degree of M.Sc (In the Field of Geography and Urban Planning)

Analysis and planning of housing development parameters (Case study: Zabol city)

Supervisor:

Dr. Akbar Kiani

Advisers:

Dr. Mostafa Istgaldi

By:

Mohammad Hashemi Pour Nehi

Fall 2022

Abstract

Housing planning should be carefully studied from all aspects, both from the point of view of climatic and natural conditions, as well as social-cultural and economic conditions. The result of these studies will determine the look and texture of residential areas and the physical structure of the city. The purpose of this research is to investigate and study the parameters of planning and development of housing in Zabol city, which includes four main economic, socio-cultural, physical and environmental indicators with 20 sub-indices analyzed. AHP and ELECTRE software have been used for analysis, and ELECTRE model has been used in ranking and determining the priorities of each of the indicators; The results indicate that among the economic indicators, the investment attraction factor with an overall rating of 1 and an internal score of 13 is the most important and effective factor in its group that affects housing development and should be taken into account. Also, in the environmental, physical and social indicators, the factors of the pattern of building houses with the influence of wind and storms, the appropriate location of uses and the spatial-spatial difference of housing construction, each with the rank obtained from the Electreh model, 11, 10, 7, the second, third and fourth positions have assigned the priorities of housing planning in Zabol city, which should be given more attention in housing planning, and by focusing on these factors, it is possible to improve the quality and development of housing. He added in the city of Zabol.

Keywords: urban planning, housing, housing development, Zabol city.