



## Evaluation of sustainable housing index in Salmas city

Omid Mobaraki<sup>1\*</sup>, Ali Valigholizadeh<sup>2</sup>, Farhad Mohammadi<sup>3</sup>

1. Professor of Malek Ashtar University of Technology, Tehran, Iran.
2. Associate Professor, Faculty of Humanscience, Maragheh University
3. A. Student, Faculty of Humanscience, Maragheh University

### Abstract

Today, due to the rapid growth of the world's population and its concentration in cities, the concept of sustainable urban development has been proposed as a basic component affecting the long-term vision of human societies, and housing and related issues are a global issue, and planners and Policy makers in different countries are looking for solutions to solve the related issues. Due to the fact that housing is one of the most important urban uses, it is necessary to design the residential environment properly so that, in addition to greater productivity and security, the correct use of renewable and clean energy causes the least damage to the environment. In this regard, in this research, the components of sustainable housing in Salmas city have been investigated. The type of applied research and its method is descriptive-analytical. To analyze the data, SPSS software and sample t-tech statistical tests, step-by-step regression and one-way variance analysis were used. The results of the investigation of the components of sustainable housing in Salmas show that; The physical component has the highest rank with an average of 2.95, followed by the environmental component with an average of 2.91 and the social component with an average of 2.76 and the access component with an average of 2.46 and finally, the economic component with an average of 2.03 has taken the last rank, these results show the great contribution of physical and environmental components in the sustainable housing of Salmas city and the least impact on housing The stability of this city is related to the economic component. In addition, the overall average of all components was lower than the base limit (number 3).

**Key words:** Housing, Sustainable development, Sustainable housing, Salmas city.