



## Modeling the socio-security development of Sistan and Baluchestan Province

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Received Date: 18 May 2025 Accepted Date: 10 October 2025

### Abstract

**Background and Objective:** The capacities and capabilities of Sistan and Baluchestan province in terms of geography, natural and economic resources, and potential human resources are many, which, if realized, can bring many advantages to both the province and the region. Given the importance of this issue, the purpose of the present study is to design a social-security development model for Sistan and Baluchestan province.

**Methodology:** The research method is structural equation modeling and quantitative-survey. The research population consisted of all managers and employees of government organizations in Sistan and Baluchestan province. The sample size was 292 people selected using the Cochran formula. The research tool was a researcher-made questionnaire and the collected data were analyzed in two descriptive and inferential methods using SPSS 16 and Smart PLS software.

**Results and Findings:** Seven components play a role in explaining the socio-security development of Sistan and Baluchestan province, which are: economic security, social security, military security, development of justice, development of quality of life, development of social ethics, and finally development of political security. In order to examine the fit of the model,  $X^2$ , R and RS were examined, and the existence of a low  $X^2$  and the ratio of chi-square to the degree of freedom of less than three, as well as the calculated coefficient of determination and adjusted coefficient of determination, indicated a proper fit of the model. Finally, from the summary of the factors, dimensions and components of the socio-security development model of Sistan and Baluchestan province, 4 factors were proposed with high priority. These factors are: first priority: military security, second priority: social security, third priority: development of quality of life, and finally, fourth priority: development of justice. It is hoped that this type of study will be a step towards deepening applied knowledge and improving the socio-security situation of Sistan and Baluchestan province.

**Keywords:** " Local development ", "Urban Constructions", " social development ", " security development ", " Sistan and Baluchestan ".

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**Cite this article:** Rezaei,H. , Zamani Moghadam,A. and Memarzadeh Tehran,G. (2026). Modeling the socio-security development of Sistan and Baluchestan Province. Journal of Sustainable Urban & Regional Development Studies (JSURDS), 7(2), 167-187.

## **EXTENDED ABSTRACT**

### **Introduction**

Social development and security are among the key issues in development studies that are considered as the foundation for sustainable progress and improving the quality of life of societies. Sistan and Baluchestan Province, considering its geographical location, population diversity, and specific economic and security challenges, requires a comprehensive and indigenous model for realizing socio-security development that can simultaneously provide the grounds for economic growth, improving social justice, improving the quality of life, and ensuring security. Economic security, social security, military security, and the development of justice are among the most important components that are recognized as the main pillars of this development, and their mutual and complex impact on the livelihood and welfare of the community is undeniable.

The statement of the problem of this research is based on the fact that despite the importance of development and security in Sistan and Baluchestan Province, the existence of numerous challenges in these areas has led to the need to design an efficient and scientific model to identify and prioritize the factors affecting the socio-security development of this province. The absence of such a precise model has prevented provincial policymakers and managers from addressing critical security and social issues in a targeted and planned manner, and has resulted in inefficiency in improving livelihood, security, and social conditions. Therefore, the present study, with the aim of designing a social-security development model for Sistan and Baluchestan Province, attempts to identify the key components of this development through the use of structural equation modeling and field data collection from managers and employees of government organizations, and to present appropriate solutions for improvement and development based on scientific prioritization.

### **Methodology**

Given that the purpose of the present study is to develop a social-security development model for Sistan and Baluchestan province, and since the main goal in applied research is not simply scientific discovery, but rather testing and examining the application of knowledge, the method of this research is applied in terms of purpose, because the results obtained from it can be used by decision-making stakeholders. Therefore, it has been carried out using an exploratory method. And the method of data collection has been carried out using a mixed method (quantitative and qualitative), the results of the qualitative part of which have been presented in the article (Rezaei, et al., 1404). Now, in this article and in the quantitative method, the data collection tool is a questionnaire. The quantitative statistical population includes all managers and government employees of the province in 1400. The analysis of the collected data is carried out through a questionnaire in two descriptive and inferential methods through SPSS 16 and Smart PLS software. In this study, descriptive statistics including frequency, frequency percentage, frequency distribution table, drawing graphs, and also describing the characteristics of the respondents to the questionnaire will be used to describe the data. In inferential analysis, the data will be analyzed using factor analysis method.

### **Results and Findings**

The findings showed that the factors, dimensions, and components of the socio-security development model of Sistan and Baluchestan Province, in order of priority, are: 1- Economic security. 2- Social security. 3- Military security. 4- Development of justice. 5- Development of quality of life. 6- Development of social ethics. 7- Development of political security. Thus, the components that represented the indicators of determining the socio-security development model of Sistan and Baluchestan Province were not eliminated from the factor analysis

process because none of the components had a factor load of less than 0.3. Given that all remaining items were greater than 0.6, the model is "very desirable." Therefore, the researcher, by gradually eliminating components with factor loads of 0.8 and less, seeks to re-rank the indicators using factor analysis. And finally, all 7 remaining components, with their indicators, were accepted as dimensions and components of the socio-security development model of Sistan and Baluchestan province.

### **Conclusion**

Social development and sustainable security in border areas are necessary and necessary for each other. Also, the severity of regional imbalance between border areas and interior areas in Iran affects national development. In other words, although underdevelopment in border areas that lead to insecurity has its effects on underdevelopment and insecurity in the entire country. In this study, the socio-security development of Sistan and Baluchestan province was examined and analyzed to answer the basic research question: What is the appropriate model for socio-security development in Sistan and Baluchestan province? Therefore, after conducting the research, the researcher answered these questions and resolved his concerns that he mentioned in the statement of the problem from the research results. Also, the researcher's results in this study are consistent with the results of research and studies of Hosseini, Seyed Ibrahim; Seyidi, Frank (2010); Qashqaei, Keyvan (2010); Hosseini, Mohammad Reza (2010); Fazeli, Mirza Hossein (2010); Rezaei, Yukabed (2010); Ghanbari, Pune; Hakkakzadeh, Mina (2010); Rezaei, Mehrangiz; Mohebi, Ali Akbar (2010); Ajay Kumar Singh, Bhim Jyoti, Sanjeev Kumar, Sanjaya Kumar Lanka, (2021); Eamonn McCann (2020); is in line and of course the researcher has acted more broadly and comprehensively.

### **Declarations**

#### **Funding**

There is no funding support for this study.

#### **Authors' Contribution**

Authors contributed equally to the conceptualization and writing of the article. All of the authors approved the content of the manuscript and agreed on all aspects of the work declaration of competing interest none.

#### **Conflict of Interest**

The authors declare no conflict of interest.

#### **Acknowledgments**

We are grateful to all the scientific consultants of this paper.

### **References**

- Akrami, Seyed Mehdi, Zolfaghari, Hossein, Shabani Asl, Mohammad Reza and Shafiei, Jamal (2017) Designing a strategic model for strengthening and promoting security in Sistan and Baluchestan Province. *National Security*, 11(42), 285-318. **[In Persian]**.
- Ghodousi, Vahid; Nazmfar, Hossein and Rahmati, Mansour (2014). Land use changes and simulation of urban growth and development (case study of Ardabil city). *Sustainable Urban and Regional Development Studies*, 6(3), 185-169. **[In Persian]**.

- Kiani, Vahid and Taheri, Mohsen . (2014). Analysis of the reasons for economic underdevelopment and its impact on the security of southeastern Iran (Case study: Sistan and Baluchestan Province). *Political Geography Research*, 7(1), 1-25 **[In Persian]**.
- Oshana Shirabad, Bliss, Akbari Namdar, Shabnam and Najafgholipour Kalantari, Nasim (2015) Analysis of the role of spatial patterns in social interactions and strengthening ethnic and religious solidarity (Case study: Central neighborhoods leading to Imam Urmia Street with emphasis on Christopher Alexander's theory of living spaces). *Quarterly Journal of Sustainable Urban and Regional Development Studies*, 6(2), 167-183. **[In Persian]**.
- Provincial Report of the Cooperative, Labor and Social Welfare Department of Sistan and Baluchestan Province (1404) Capacities and capabilities of Sistan and Baluchestan Province (relative advantages of the region), website of the Ministry of Cooperative, Labor and Social Welfare. **[In Persian]**.
- Rezaei, Hossein and Afsaneh Zamani Moghadam, Gholamreza Memarzadadeh Tehran (2015) Identifying the components of social-security development in Sistan and Baluchestan Province, *Journal of Social and Cultural Studies*. **[In Persian]**.
- Sebejinejad, Rahim, Shariati, Shahroz and Eslami, Mohsen (2013) The relationship between the political economy of narcotics and security in Sistan and Baluchestan Province. *Strategic Studies Quarterly*, 27(2), 65-88. **[In Persian]**.
- Shahabinejad, Esmail, Ajdari, Behnaz and Babaei Sakhmers, Morteza (2013) The relationship between political security and political demand and its role in the political development of Sistan and Baluchestan Province (a case study of Zahedan City). *Contemporary Iranian Political and Social Developments Quarterly*, 2(4), 361-387. **[In Persian]**.
- Dosti Siahmard, Mojtaba and Heydari, Mohammad Taghi. (2013). Differential city analysis and its impact on social and economic issues in Shandarman City. (e227456). *Quarterly Journal of Sustainable Urban and Regional Development Studies*, 7(1), e227456. **[In Persian]**.
- Yashar Zaki, Javad Gholami, Mohammad Yousefi Shatoori (1401) The cycle of underdevelopment, smuggling and intensification of border security in Sistan and Baluchestan Province, *Journal of Border Sciences and Technologies*, No. 41 (Summer 1401). **[In Persian]**.
- Yousefi, Saleh; Taze, Mehdi; Mirzaei, Somayeh; Moradi, Hamidreza and Tavangar, Shahla (2014). Comparison of different algorithms for classifying satellite images in preparing land use maps (Case study: Noor County). *Remote Sensing and Geographic Information Systems in Natural Resources*, 5(3), 67-76. **[In Persian]**.
- Zali, Nader, Heydari, Safoora, and Abizadeh, Saman (2017) Investigating the mutual relationship between security and development in the border areas of Iran (Case study: counties of Sistan and Baluchestan Province) *Human Geography Research (Geographical Research)*, 53(3), 1143-1163. **[In Persian]**.