

Comparative analysis of the quality of realization of social resilience indicators in Tehran (A study in districts 1, 12 and 20 of Tehran)

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Introduction

Social resilience plays an important role in social sustainability and solidarity in the face of urban crises. In this regard, the present study tried to use a "descriptive-analytical" method through a questionnaire of 383 people to make a comparative analysis of the quality of social resilience components in the twenty-first and twenty-first districts of Tehran. Citizens' opinions were collected according to Cochran's formula by sampling and relative allocation based on population size. The results showed that the quality of realization and enjoyment of social resilience components in the three study areas was different based on multivariate analysis of variance 1, and the results showed that the public trust index in region one as one of the most prosperous areas of Tehran. And informal participation index in the twelfth region as one of the middle-class regions and the index of the sense of spatial belonging in the twentieth region as one of the low-income regions had more priority, but in analyzing the priority of resilience components in the three regions Fuzzy TOPSIS 2 model and in all three regions, the knowledge index with (zone one with 0.555 fuzzy weight) (zone twelve with 0.576 fuzzy weight) and (zone twenty with 0.6451 fuzzy weight) had the greatest impact, respectively. Has accepted. As a result, it was found that the strategy to promote social resilience in the metropolis of Tehran should be in line with increasing the level of awareness and citizenship skills in all three areas of Tehran. Increase citizens in intra-group and social organizations. Also, improving the sense of spatial belonging and social identity in low-income urban areas should be a priority, in order to achieve a homogeneous and sustainable social resilience in the metropolis of Tehran.

Data and Method

The present study has been carried out with applied purpose and descriptive-analytical methodology with the aim of comparative analysis of quality assessment of the realization of social resilience components in three areas 1, 12 and 20 of Tehran metropolis. To collect descriptive or theoretical information, content reading of basic scientific text documents (valid articles and books) was used and to collect analytical data, a survey method with a questionnaire was used. According to the main questions posed for the present study to answer and assess the differences in understanding and having social resilience indicators in selected areas of multivariate analysis of variance (ANOVA) and to answer how planning priorities to achieve the indicators Social resilience has been used in selected areas of Tehran metropolis Fuzzy TOPSIS model (FTOPSIS).

Results and Discussion

The results showed that the quality of realization and enjoyment of social resilience components in the three regions was different based on multivariate analysis of variance. The informal participation index in District 12 as one of the middle-class areas and the Index of Spatiality in District 20 as one of the lower areas had higher priority.

In the analysis of the priority of resilience components in the three mentioned areas based on the fuzzy TOPSIS model and in all three areas of Tehran metropolis, it was found that the awareness index has received the most impact. Therefore, it is suggested that urban planners pay attention to the role of awareness in cultural development and increase citizenship literacy and associate cultural, media and educational institutions with urban development programs. Social skills, increasing awareness of risk reduction, and citizenship lifestyle issues enhanced the cultural development of cities, as well as the level of social resilience of all urban areas.

Conclusion

In the present study, an attempt was made to study rich, relatively rich and low-income areas in the metropolis of Tehran by stratified sampling in terms of differences in having social resilience indicators and their priorities for realization in these areas. . Therefore, region 1 was selected and studied as one of the prosperous regions, region 12 as one of the middle regions and region 20 as one of the socially inferior regions in Kalashahr, Tehran. The results showed that the quality of realization and enjoyment of social resilience components in the three regions was different based on multivariate analysis of variance. The informal participation index in District 12 as one of the middle-class areas and the Index of Spatiality in District 20 as one of the lower areas had higher priority, so it can be concluded that more urban culture development programs have the trust of low-income citizens. It has authority and the citizens of the middle and affluent classes in Tehran have less public trust in the goals of cultural and urban planning and their implementation by city and government managers. Also, the institutional trust of citizens in cultural and urban organizations and institutions is low. We see between cultural planning in the cities and strata of the middle and affluent class of Tehran, so attracting the trust of the middle and affluent classes of Tehran is one of the most important proposed strategies. And it is the duty of cultural creators and media managers to help city managers in increasing the public trust and institutional trust of the citizens of Tehran. Also, the level of citizen participation in urban development and management programs, especially in medium-sized urban areas such as District 12 is low, and the urban management system and structure of Tehran should be improved in favor of increasing formal and informal citizen participation and urban management models based on It is based on the participation of citizens, such as the model of urban governance in the metropolis of Tehran to be comprehensively developed and implemented. In the index of sense of spatial belonging, the feeling of satisfaction of the residents of region 1 is more than the 12th and 20th regions of Tehran, and the inhabitants of region 20 have less sense of spatial belonging, and this shows that Tehran And to create the citizenship relations of the residents between the middle, relatively rich and low-income classes of the city in a desirable way, and this causes a biological rift in the metropolis of Tehran, so paying attention to strengthening the sense of spatial belonging is also one of the strategies.

However, in the analysis of the priority of resilience components in the three mentioned areas based on the fuzzy TOPSIS model and in all three areas of Tehran metropolis, it was found that the awareness index has received the most impact. Therefore, it is suggested that urban planners pay attention to the role of awareness in cultural development and increase citizenship literacy and

associate cultural, media and educational institutions with urban development programs. Social skills, increasing awareness of risk reduction, and citizenship lifestyle issues enhanced the cultural development of cities, as well as the level of social resilience of all urban areas.

Researchers and researchers in future studies can study the role and characteristics of resilience in achieving a sustainable urban ecosystem, especially in cities vulnerable to climate change. In the organizational dimension, media resilience and its relationship with cities can be a manifestation of future hypotheses for applied research.

Key Words: Social resilience, Comparative analysis, Public trust, Sense of place, Tehran

metropolis

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