



## **ASSESSMENT OF THE SOCIO-ECONOMIC EFFICIENCY OF THE ORGANIZATION OF THE TOURIST AND RECREATIONAL SYSTEM FACILITIES IN UZBEKISTAN**

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**DOI:** [https://doi.org/10.55439/EIT/vol11\\_iss5/a42](https://doi.org/10.55439/EIT/vol11_iss5/a42)

### **Abstract**

This study is devoted to the assessment of the socio-economic efficiency of the organization of tourism and recreational facilities system in Uzbekistan. The main purpose of the study is to analyse the impact of tourism on the social and economic development of the country, as well as to identify the effectiveness of investment in tourism infrastructure. To achieve this goal, the following tasks were formulated: to analyse the existing tourist and recreational system, to develop a methodology for assessing socio-economic efficiency, to conduct data analysis and identify practical recommendations to optimize the management of the system.

**Keywords:** economics, recreational, infrastructure, tourist, satisfaction, socio-cultural.

### **Introduction**

The modern world is in a constant process of change and transformation, encompassing all spheres of society. Among the many sectors exposed to these changes, tourism and recreation occupy a special place. Uzbekistan, with its rich cultural, historical and natural heritage, is not left out of this trend. In today's reality, increasing tourist flows and effective management of tourism infrastructure are becoming one of the most important factors of the country's development[1].

In the conditions of rapid changes, it is important to deeply investigate the socio-economic efficiency of the organization of the tourist and recreational system of facilities in Uzbekistan. This study will allow a more accurate understanding of the impact of tourism and recreation on the economy and public welfare of the country, as well as identify ways to optimize the management of this system.

### **Aims and objectives of the study**

The purpose of this study is to carry out a comprehensive assessment of the socio-economic efficiency of the organization of the tourism and recreation system of facilities in Uzbekistan. To achieve this goal, the following objectives were set:

1. Analyzing the existing tourism and recreational infrastructure in Uzbekistan and identifying its key characteristics.

2. Developing a methodology for assessing social and economic indicators of system efficiency.

3. Collecting and analyzing data on tourist flows, economic performance and social impacts on the local population.

4. Identifying the impact of tourism and recreation on the regional economy and national budget.

5. Analyzing the positive and negative aspects of tourism and recreation system development.

#### **Review of the structure of the article**

The article is structured as follows. The first section is devoted to the introduction, where the relevance of the research is discussed, goals and objectives are formulated, and a brief review of the structure of the whole article is made.

The second section constitutes the literature review. This section reviews key concepts related to the assessment of socio-economic performance and tourism, and analyses existing research in this area. Special attention is paid to the peculiarities of the tourism and recreation industry in Uzbekistan[2].

The third section describes the methodology of the research. It justifies the choice of evaluation methods, describes the process of data collection and the choice of indicators to assess the effectiveness of the tourism and recreation system. Also, in this section the developed model of the object system is presented.

The fourth section is data analysis and interpretation. This section presents the results of statistical analyses of tourist flows, site visitation and economic indicators. It also assesses the impact of tourism on the economy of the region and the country as a whole, and measures the social benefits to the local population [3.5].

The fifth section examines the benefits and limitations of the study. Here, the positive aspects of tourism and recreation utilization in a socio-economic context are highlighted, and the limitations and difficulties associated with assessing effectiveness are identified[4,7].

The conclusion, section six, summarizes the findings of the study. Here, the findings are summarized to support the objectives and aims of the study. The significance of this work for the further development of tourism and recreation in Uzbekistan is highlighted.

#### **Methodology**

Justification of the choice of methods for assessing socio-economic efficiency:

The proper choice of methods for assessing socioeconomic efficiency plays a key role in achieving accurate research results. In this paper, the following methods were selected to evaluate the efficiency of the tourism and recreation system of facilities in Uzbekistan:

1. Financial indicators: Analyzing financial indicators such as total revenues, costs, net profit and investment will determine the financial stability and sustainability of the system.

2. Social indicators: Assessing the impact on employment, job creation, income levels, and improving the quality of life of local residents.

3. Environmental indicators: Examining the impact of tourism on the ecology of the region, including pollution levels, energy consumption, and natural resource utilization.

4. Tourist Satisfaction Index: Surveys and questionnaires of tourists will assess the quality of services provided, the level of service and the overall impression of the visit.

5. Sociocultural Impact: Study the impact of tourism on the preservation of cultural heritage, traditions and customs of local people.

Describe the process of data collection and selection of evaluation indicators:

Data collection is the fundamental stage of the study. In order to assess the socio-economic efficiency of the tourism and recreation system in Uzbekistan, data will be collected from different sources:

1. Official statistics: Data on the number of tourists, tourism revenues, infrastructure costs and other economic indicators.

2. Social Surveys: Questionnaires and surveys among tourists and local people to get information about social and cultural aspects.

3. Report data: Analyzing reports of tourism enterprises and governments to obtain financial and environmental data.

Modelling the tourism and recreational system of Uzbekistan sites:

In order to create a more understandable and manageable picture of the tourism and recreational system in Uzbekistan, a mathematical model will be developed that takes into account the various facilities, components and their interactions. The model will include:

1. Objects and their characteristics: A description of the different tourist facilities, their location, infrastructure and tourist attraction.

2. Tourist flows: Accounting for tourist flows between different facilities and regions, their seasonal and temporal variations.

3. Economic data: Information on revenues and costs at each site, and related economic indicators.

4. Social impacts: Consideration of jobs created, the impact on income levels and quality of life of the local population.

5. Environmental aspects: Assessment of environmental impacts, energy consumption and other environmental indicators.

The model will help to simulate different scenarios of tourism and recreation system development and evaluate their socio-economic efficiency.

Data analysis and interpretation:

Statistical analysis of tourist flows, attendance and economic performance of facilities:

In order to more accurately assess the effectiveness of the tourism and recreation system in Uzbekistan, statistical analyses of data related to tourist flows, site attendance and economic indicators were conducted[6]. Let us start with some specific figures:

1. More than 5 million foreign tourists visited Uzbekistan in 2022, which is a record high in recent years. This indicates the country's significant attractiveness as a tourist destination[3].

2. The National Tourism Fund of Uzbekistan notes that the most popular destinations for foreign tourists are Samarkand, Bukhara and Khiva, where many cultural and historical attractions are located.

3. The economic performance of tourism is also impressive: the contribution of tourism to Uzbekistan's GDP was about 3.5% in 2022, bringing more than \$2 billion to the country[3].

Estimating the effect of tourism on the regional economy and national budget:

The effect of tourism on Uzbekistan's economy and budget cannot be overestimated. The direct and indirect contribution of tourism has a positive impact on various sectors of the economy and the national budget.

Increased demand for cultural and handicraft products: The increased number of tourists contributes to increased demand for souvenirs, handicrafts, local food and other products, which may have a positive impact on the development of the cultural and handicraft industry[8].

#### **Measurement of social benefits to local communities, job creation**

The social benefits of tourism development are not limited to economic indicators. Job creation and improvement in the quality of life of local people also play an important role:

1. Job creation: Tourism provides a wide range of jobs, from hotel staff and tour guides to drivers, restaurant staff and artisans.

2. Supporting cultural heritage: Increased tourist numbers can stimulate the preservation and restoration of cultural monuments and traditions, which is important to the local community.

3. Development of education and training: As the interest in tourism increases, the need for trained professionals increases, which can promote educational programs and training.

Thus, analyzing and interpreting the data allows us to see the important role of tourism in the socio-economic development of Uzbekistan, including its impact on the economy, budget, job creation and public welfare.

Benefits and limitations of the study:

Analysis of the positive aspects of tourism and recreation use in the socio-economic context:

The benefits of tourism and recreation utilization in the socio-economic development of Uzbekistan are tangible at both local and national levels:

1. Economic growth: Tourism development stimulates economic growth through increased tourism revenues, investment in infrastructure, expansion of the business sector and job creation.

2. Infrastructure development: Increased tourist flows require the development of tourism infrastructure, which can lead to improvements in hotel services, transport accessibility and general infrastructure.

3. Sociocultural Impact: Interaction with tourists promotes preservation and presentation of cultural heritage and exchange of cultural values.

4. Strengthening international relations: Attracting foreign tourists contributes to strengthening international relations and sharing cultural experiences.

Identifying constraints, uncertainties and complications in assessing effectiveness:

However, in addition to the clear benefits, some limitations may affect the accuracy of the socio-economic efficiency assessment:

1. Uncertainty in data: The availability of relevant and reliable data may be limited, making it difficult to assess the real impact of tourism on various aspects.

2. Seasonality and variability: The tourism industry is often subject to seasonal fluctuations, which can distort the accuracy of estimates, especially in short-term analyses.

3. Environmental Impact: Increased tourist flows can have negative impacts on the environment, including overpopulation, pollution and degradation of natural resources.

4. Sociocultural changes: Intensive tourism development may cause changes in the lifestyle and cultural values of local people.

5. Heterogeneity of impacts: The impacts of tourism can be heterogeneous across regions, requiring local sensitivity.

6. Dependence on external factors: World events, economic and political changes can strongly influence tourist flows and hence the performance assessment.

Thus, it is important to take these limitations and uncertainties into account when assessing the socio-economic efficiency of the tourism and recreation system of facilities in Uzbekistan in order to obtain a complete and more objective picture.

Recommendations and practical conclusions:

Proposals for optimization of tourism and recreation system management:

The assessment of the socio-economic efficiency of the tourism and recreational system of facilities in Uzbekistan provides opportunities for optimizing the management and further development of the tourism sector. It is important to consider the following aspects:

1. Infrastructural development: It is recommended to invest in the development of hotel and transport infrastructure to ensure comfortable stay and movement of tourists.

2. Balanced growth: It is important to ensure that tourist flows are evenly distributed among the different regions of the country to mitigate seasonal fluctuations and pressure on individual destinations.

3. Environmental Management: The drive to increase tourist flows should be accompanied by efforts to protect nature and the environment.

4. Development of human resource capacity: Training of staff working in the tourism industry can improve the quality of service and create a more favourable atmosphere for tourists.

#### **Impact of the study on decision-making in tourism and recreation industry**

The results of the study on assessment of socio-economic efficiency of tourism and recreation system in Uzbekistan can have a significant impact on decision-making in this area:

1. Strategic planning: The data and findings of the study can be used to develop long-term strategies for tourism and recreation development, including the identification of priority areas.

2. Budget planning: The results of the assessment can serve as a basis for allocating budgetary funds for tourism development, investment in infrastructure and promotion of tourist destinations.

3. Marketing strategies: The study can help identify the most attractive aspects of the country for tourists and develop marketing strategies to attract them.

Perspectives for further research to better assess the effectiveness:

To further enhance the understanding of the socio-economic efficiency of the tourism and recreation system in Uzbekistan, the following areas of research can be considered:

1. Study of tourist segments: A more detailed analysis of the preferences of different groups of tourists (cultural, adventure, business, etc.) could help to tailor the offer more precisely.

2. Evaluation of innovative technologies: Exploring the impact of new technologies such as digital platforms and management technologies can unlock the potential to improve service quality.

3. Comparative analysis with similar regions: Comparison with the experiences of other countries and regions can provide valuable lessons and inspiration for tourism development in Uzbekistan.

Thus, the recommendations and conclusions of the study can serve as a starting point for improving the management of the tourism and recreation system, making informed decisions and planning the future development of the tourism and recreation sector in Uzbekistan.

### **Conclusion**

The following key aspects can be highlighted in the conclusion of the study "Assessment of Socio-economic Efficiency of the organization of tourism and recreational facilities system in Uzbekistan":

Summary conclusions of the study:

The analysis of the conducted research allows us to draw a number of important conclusions. Firstly, tourism and recreation play a significant role in the economic development of Uzbekistan, contributing to GDP growth, investment attraction and job creation. Secondly, the diversity of tourist sites and cultural heritage of the country attract the attention of foreign tourists, which is confirmed by the growth of attendance by foreign citizens. Third, assessing the socio-economic efficiency of the tourism and recreation system requires taking into account various aspects, including economic, social and environmental.

Effective management of the tourism and recreation system based on the analysis of the study can contribute to sustainable tourism growth, improve conditions for tourists and create a favourable environment for investment.

Thus, the study confirms the importance of tourism and recreation as a driving force of economic and socio-cultural development of Uzbekistan. The findings provide a basis for informed decision-making and further action in tourism and recreation aimed at achieving a sustainable and prosperous future.

### **List of used literature**

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