# PROBLEMS OF SYSTEMATIC MAPING OF TOURISM IN UZBEKISTAN

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#### **ABSTRACT**

This article provides information on the systematic methodology of tourism cartography, a series of plans and maps for tourism purposes, and atlases to reflect the tourist-recreational system with its elements, as well as the systematic implementation of the mapping process. In addition, information is provided on the nature, direction and features of the systematic mapping of tourism.

**KEYWORDS**: Tourism, plan, map, series of cards, atlas, tourist map, structural mapping, tourism review card.

### INTRODUCTION

With the rapid development of tourism in the world, the role of tourism cards and the need for them is growing significantly. Of particular importance is the essence of such cards, the variety, content and equipment of the themes that can be reflected in them. Today, in terms of volume and popularity of publications, cartographic works on tourism are second only to cartographic products used in education. The main elements of their content are the potential of tourist and recreational resources.

Collection, storage, digitization, analysis, processing of data, state cadastre of recreational resources in tourist infrastructure, assessment and inventory of natural, historical and cultural resources, tourism and recreation in the systematic mapping of tourism in the world using cartographic methods and modern geoinformation technologies zones, development of new tourist routes, organization of tourism and excursions, identification and implementation of weekend routes Particular attention is paid to targeted research.

Primary data and their description. The primary data in the study are the Decree of the President of the Republic of Uzbekistan on tourism development and the Resolution of the Cabinet of Ministers № 450 on measures to accelerate the development of tourism potential of Samarkand and Samarkand region in 2017-2019, Actions on five priority areas of development of the Republic of Uzbekistan in 2017-2021 In the third direction of the strategy "Priorities for economic development and liberalization" iyasini the dynamic development of the program objectives. APPENDIX 1 to the Decree of the President of the Republic of Uzbekistan No. PF-5611 of January 5, 2019, the CONCEPT for the development of tourism in the Republic of Uzbekistan in 2019-2025 and other relevant legal acts, research work of foreign and domestic scientists in this field.

The purpose and objectives of the study. One of the main objectives of the study was to develop proposals and recommendations for the systematic mapping of the regions of Uzbekistan for tourism and recreation purposes and their use. As the President of the Republic of Uzbekistan Shavkat Miromonovich Mirziyoyev noted, "Uzbekistan is a unique country with the most ancient civilizations and cultures, developed and has a huge tourism potential, which is not inferior to the best places for recreation and travel in the world ...". Indeed, our country is one of the world's unique historical monuments, architectural monuments, archeological monuments, religious sites, shrines, its rich natural resources, colorful landscapes, unique species of wildlife, diversity of animals and plants, as well as convenient natural and known for its climatic conditions. In this regard, almost all regions of the country have great potential for tourism development. Creation of a single information system with a database of tourist resources of the regions, state cadastre of recreational resources in tourist infrastructure, assessment and inventory of natural, historical and cultural resources, as well as identification of problems of systematic mapping of these tourist facilities and development of scientific and methodological bases was identified as one of the functions.

Research methods. geographical comparison, cartographic, systematic approach, historical and other methods were used in the research.

The degree to which the problem has been studied. Systematic mapping studies A.M.Berlyant [1], A.V. Dontsova [2], T. Kozachenko [3], G.A. Parxomenko [3], K.A. Salishchev [5], N.Yu.Nedashkovskaya [4], O.I.Elchaninov [6], M.M.Svatkov [6], V.V.Sveshnikov [6].

However, little attention is paid in the national literature to the content, purpose and implementation of a systematic mapping of the regions of Uzbekistan for tourism purposes. The main purpose of this study is to fill in the above gaps.

The main part. The use of a systematic methodology of tourism cartography allows to reflect the tourist-recreational system of the plan, series of maps and atlases for tourism purposes with their elements, as well as the systematic implementation of the mapping process. To this end, the development of the necessary content in the creation of tourist cartographic works, the provision of modern audio and video information, the use of geoinformation and multimedia technologies in mapping will enhance the development of geography and cartography.

Regional systematic mapping for tourism purposes is a practical beginning of modern cartography, the main purpose of which is to provide tourists, organizers and tourism researchers with information about the area, its history, nature, culture, population, tourism and tourism infrastructure, conditions and factors of tourism development. The results of regional systematic mapping for tourism purposes must reflect the laws of creation, operation and development of tourist and recreational complexes as a whole system.

Regional systematic mapping for tourism purposes means tourist maps of the region, complex tourist plan of settlements, tourist resource potential maps, tourist maps, including private, local, municipal and regional tourist-recreational complex system, developed by a single system of cartographic works. series, various activities for the development of tourist atlases. Unification of the system and essence of cartographic works, its elements, which provide visual, complementary and comparative information about natural, biocultural, historical-cultural and socio-economic tourist resources and used by all participants of tourist activity, its elements imply a single style in placement according to content, scale, territorial coverage. holds. According to its content, the regional systematic mapping for tourism purposes includes tourist potential and tourist potential and object-subject relations that occur in the process of tourist-recreational activities within the administrative boundaries of the region (or in nearby areas), as well as within lower territorial units.

Plans for individual tourism and excursion facilities, tourist infrastructure facilities (including museums and exhibitions, architectural complexes, parks and recreation areas, garden art monuments, hotels, tourist bases, sanatoriums, resorts, railway stations, etc.) are included in the regional mapping. is formed. In the decoration of such cartographic works are used means of artistic decoration, natural symbols, plans are given in black and white or color image. They do not (in most cases) scale. The legend is given a short list of conditional symbols or a detailed description of each object present in the area.

At the municipal level, the systematic mapping for tourism purposes covers the administrative districts of large cities, the territory of individual settlements rich in historical monuments, the administrative districts of the region. Its goal is to create tourist plans, maps, series and atlases of maps of the region, a map of resource potential for tourism development on a scale of 1:50,000 and larger, and more.

At the local level of mapping, there are natural and historical-cultural reserves on various tourist routes (pedestrian, bicycle, ship, etc.), areas where sports competitions are held, tourist and recreational zones. To ensure a local level of regional structural mapping for tourism purposes, cartographic works with a scale content of 1: 400,000 and larger require a clear and detailed geographical basis. It would be expedient to represent dangerous places for tourists on a large scale in comparison with the main scale on tourist route maps.

At the regional level of mapping, individual parts of the region, the whole region and adjacent areas are considered. Depending on the region, the scale of the cards will be 1:50,000 and smaller. Overview medium-sized maps are provided to get acquainted with the area and sometimes to cross the route.

In the field of tourism, the main resource is the objects of tourism and tourist infrastructure, conditions and factors for the development of tourist activity. This requires the scientific substantiation and development of a regional system of formal provision of tourism with three structural modules.

The main purpose of the information system is to provide tourists with the necessary information about the tourist area, its history and present, culture and nature, population. The effectiveness of tourism activities is

reflected in the place and time, quality, reliable, illustrative-pleasing information due to the creation of regional tourism.

The system of cartographic works, designed to provide comprehensive support to the tourism industry, is regularly updated and the database is replenished.

The features of tourism, its development and resources are provided with specific features in the systematic mapping for tourism purposes:

- Mapping of regional tourism requires a strict disciplinary approach, as the interaction of various elements of the tourist and recreational process and leisure activities, activities of tourism and recreation organizers, the region and its natural, biocultural, historical, cultural and socio-economic resources, population and associated with its traditions, creativity, and originality. This complex of elements determines the complexity of the mapping feature for tourism purposes;
- Types and forms of regional tourism determine the main directions of tourist mapping, and the activities of managers in the organization of tourism in the region require the creation of cartographic works, reflect the resources of the region for the organization of tourist activities. Therefore, the development of thematic mapping should be carried out in two directions for tourists and tourism organizers;
- The object of systematic mapping for tourism purposes is real, they are a whole system of existing tourist and recreational regional complexes, including natural, biocultural, historical-cultural, socio-economic systems at different levels. They are complexly reflected in tourist atlases;
- accuracy of information (images and objects), location (dependence of form on a particular object), authenticity (authenticity of information), modernity (relevance of information to date), completeness of information (information or part of it), designed to reflect the regional system of cartographic works on this topic stay), value (the need for this information to prepare for or organize a trip), the structural interdependence of the elements (the interdependence of the composition of the legend), the specificity (potential of tourists) Specific method of attraction of the region or object), the expression (tourist card, which can be aesthetic, emotional, associative richness of impressions must meet requirements such as bandwidth (capacity));
- The use of local resources of this area has a clearly defined territorial area, which implies the use of cartographic methods. Information should be described as basic, additional textual images, photographs and aerospace images, natural and cultural heritage monuments, objects of the tourism industry, tourist and recreational complex, as well as audio and video information (in electronic and multimedia projects);
- The need to use natural and symbolic cartographic symbols, art frames, color illustrations, clear fonts, as well as electronic animated symbols to visually reflect the essence of the content of cartographic works. In addition, the system of general geographical and thematic objects and conditional signs must be the same, except for the artistic conditional signs that reflect the architectural lines of the objects that make up the tourist potential of the region;
- Optimization of the use of the system of cartographic works on tourism themes is carried out by introducing a new systemic legend showing the city map in the following sequence: first tourism and recreational facilities (as the most interesting for travelers), and then tourist infrastructure facilities, tourists and other users additional information will be provided for;
- Cartographic works for tourism purposes must be distinguished by the non-standard and originality of the composition of artistic decoration and reflect the beauty of nature, the uniqueness of the landscape, the diversity of monuments, ethnographic significance.

### **CONCLUSION**

Based on the research, we recommended conducting regional systematic mapping for tourism purposes in 4 stages: private, local, municipal and regional. If they are used in the creation of regional tourism maps, the regional system of cartographic works will increase the effectiveness of information support in the field of tourism. Also, the development of tourism has the following characteristics of tourist cartography: scientific approach (accuracy of the essence of the content, geographical location, modernity, completeness, value, systemic interdependence of elements, specificity); expediency; use the cartographic method as the main method; the need to use cartographic symbols; introduction of a newly created legend; the non-standardity of the design is reflected in the clear manifestation of such.

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