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Enhancing the Potential of Pilgrimage Tourism: Innovative and Cluster Approaches and Development Forecasts

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Abstract: The article analyses the role of innovations, resource-efficient technologies and the effective use of human capital in enhancing the potential of pilgrimage tourism. Using global practice as an example, it substantiates the impact of tourism on economic and social sustainability. In the context of Uzbekistan, the necessity of tourism development concepts, priority directions for expanding domestic tourism, and innovative forms of pilgrimage tourism, the cluster approach and methodological solutions are highlighted.

Keywords: Pilgrimage tourism, innovation, cluster approach, recreational resources, sustainable development, domestic tourism, tourism potential, economic efficiency, Tourism Strategy of Uzbekistan

1. Introduction

Tourism is one of the most pressing and rapidly growing sectors worldwide, a process closely linked to the global expansion of the tourism industry and the intensification of interregional competition [1]. The digital transformation of pilgrimage sites serves to accelerate tourism, increase the flow of tourists in the international market, improve tourist infrastructure and provide an additional impetus for economic development.

In the context of modern economic development, innovations, resource-efficient technologies and the effective use of human potential are emerging as key factors in the prosperity of nations. The tourism sector, in turn, stands out as an industry that stimulates economic activity on a global scale, contributes to the creation of new jobs, and has a significant impact on the socio-economic development of regions. When tourism potential is used wisely and sustainably, the opportunity to preserve natural and historical-cultural heritage, improve the quality of life for the population, and ensure the regeneration of recreational resources is enhanced [2].

Pilgrimage tourism is one of the segments with a stable demand in the global market, and the experience of leading countries shows that organising the service chain on a cluster model basis ensures high economic efficiency. The clusters formed around the cities of Mecca and Medina in Saudi Arabia are a clear example of this. In Mecca, under the 'Haram City Cluster' model, the hotel industry, transport, shopping centres, medical services and digital management systems have been coordinated under a single management. The "Nusuk" platform, introduced to manage the Hajj and Umrah processes, serves as the digital management core of the cluster. As a result of this approach, the country is now

Citation: Uzaqov J.N. Enhancing the Potential of Pilgrimage Tourism: Innovative and Cluster Approaches and Development Forecasts. American Journal of Economics and Business Management 2025, 8(12), 6338-6344.

Received: 10th Nov 2025

Revised: 11th Nov 2025

Accepted: 24th Nov 2025

Published: 20th Dec 2025



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capable of accommodating over 20 million pilgrims annually, with the aim of increasing this figure to 30 million by 2030. The integration of services is adding an annual value of \$12–15 billion to the Saudi Arabian economy.

Additionally, within the 'Mevlana Spiritual Tourism Cluster' established in the Turkish city of Konya, museums, religious and educational centres, hotels, transport and gastronomy facilities have been developed as a single tourist destination, managed by the Konya City Mayor's Office and the Ministry of Tourism. As a result, nearly 3 million pilgrims visit the area each year, over 300 tourism businesses operate within the cluster, and tourism's share of the city's economy has approached 40 per cent [3].

Iran's Razavi Holy Shrine Cluster' brings together over 300 hotels, transport and commercial facilities, and medical tourism institutions, receiving more than 20 million pilgrims annually. Over 60 per cent of Mashhad's economy is generated by the tourism cluster, while India's 'Kashi Vishwanath Corridor Cluster' project is also a successful example of modernising pilgrimage tourism. The integration of places of worship, riverside infrastructure, hotels, shopping and craft centres into a single ecosystem has resulted in a year-on-year increase in pilgrim numbers of up to 50 per cent. Over 20,000 new jobs have been created and the region's total tourism revenue has increased significantly.

The experience of the aforementioned countries shows that in developing pilgrimage tourism, the cluster model integrates infrastructure, service quality, marketing, and management into a single system, enhances the region's competitiveness and increases the added value of the tourism product.

Literature review. Foreign and domestic scientific studies on pilgrimage tourism have examined the economic, social and cultural impact of religious journeys using various theoretical approaches. Based on the cluster theory developed by Porter M., numerous researchers have demonstrated the importance of tourism clusters in enhancing competitiveness, boosting investment flows and improving service quality [4]. In her academic work, G. Gulyamova analyses the mechanisms for forming pilgrimage tourism clusters, she substantiates them as an effective tool of regional governance and emphasises the need to harmonise resources, services, infrastructure and management as a single system through the cluster approach. B.M. Eidelman defines the factors shaping religious and pilgrimage tourism, the management of pilgrim flows and the systematic integration of pilgrimage sites as the fundamental principles of tourism management. M.J. Kawsar, M. Evans and R. Khan state that clustering, creating a single brand and marketing integration are necessary to make religious tourism competitive in the international market, A.O. Oraibi, meanwhile, examined the motivations for religious tourism, the behaviour of pilgrims and issues of regional governance, and argued that strengthening cluster-based management by region is crucial for the sustainable development of religious tourism.

Uzbek researchers X. Khasanova and A. Abilqosimov emphasise that clustering pilgrimage tourism increases the attractiveness of pilgrimage sites and ensures the coordination of tourism services.

2. Materials and Methods

The study employed content analysis, systematic analysis and comparative analysis methods to assess the potential of pilgrimage tourism and to determine the importance of cluster and innovative approaches [5]. Based on scientific sources, official statistical data and international practices, pilgrimage sites, infrastructure and service systems were studied. The analyses obtained served to determine the impact of the cluster model and innovative solutions on the development of regional tourism.

3. Results

The existence of over 300 pilgrimage sites related to historical and religious heritage in Uzbekistan demonstrates the country's high potential for pilgrimage tourism. Imam al-Bukhari, located in major centres such as Samarkand, Bukhara, Khiva, Termez and Tashkent, Highly revered sacred pilgrimage complexes such as the Mausoleum of Imam al-Termiziy, the shrine of Bahauddin Naqshband, the Mausoleum of Khwaja Ahror Wali, the Shah-e Zinda ensemble, and the Mausoleum of Pahlavon Mahmud constitute the core resource of internationally recognised religious travel destinations [6]. The high pilgrim-attracting capacity of these sites demands the transformation of the sector based on modern management approaches.

In recent years, the country has been implementing significant reforms to diversify its tourism services, offering alternative accommodation options alongside traditional hotels. In particular, the homestay model – offering the opportunity to live in local people's homes – has become popular, and non-standard forms of tourism based on ethnic and cultural experiences are developing widely. This format allows tourists to experience local culture, customs and way of life first-hand. At the same time, the involvement of local populations in tourism activities through initiatives such as “tourism towns”, “tourism villages”, and “tourism hamlets” is increasing regional economic activity [7]. This process is also being driven by the post-pandemic economic recovery, changes in people's travel habits, and a growing demand for more affordable holiday options. Effective utilisation of the existing potential in pilgrimage tourism requires the introduction of innovative and cluster-based approaches in the sector. Innovative approaches, first and foremost, involve creating ‘smart’ pilgrimage areas based on ICT and digital platforms, and introducing modern tools for booking, route navigation, service integration and pilgrim flow management. Such a digital infrastructure enhances the transparency, speed and convenience of tourism processes, thereby improving the overall experience for pilgrims.

The cluster approach, in turn, envisages the unification of service providers around pilgrimage sites – hotels, transport, retail, servicing, guiding and other service entities – under a single value chain [8]. As M. Porter defined it, the value chain integrates the activities of a company—creation, production, delivery and service—into a coherent whole. In the context of pilgrimage tourism, this mechanism enables the improvement of service quality, increased cost-effectiveness, enhanced domestic competition and the optimal utilisation of economic resources. As a result, regional pilgrimage clusters are formed, which serve to create a competitive, sustainable and high-value-added tourist product.

Innovative and cluster-based approaches are key factors in taking visitation tourism in Uzbekistan to a new level. The policy of improving existing infrastructure, expanding the range of services, promoting domestic tourism and introducing new business models and services in the regions confirms the strategic importance of this direction. Creating services that meet the demands of pilgrims, are competitive and diversified, serves as an important foundation for making Uzbekistan the leading centre for pilgrimage tourism in the region [9].

Comprehensive reforms to develop the pilgrimage tourism sector in Uzbekistan, both institutionally and in terms of infrastructure, are being implemented in stages. To increase the number of foreign and domestic tourists by creating favourable conditions, to accelerate the development of pilgrimage tourism and to turn it into a key driver of the economy, the Cabinet of Ministers' 2024 the Cabinet Decision No. 915 of 30 December 2024 ‘On Measures for the Organisation of Tourist Clusters’ approved the procedure for establishing tourist clusters and granting them cluster status.

In accordance with the decision, clusters are to be formed as an integrated system of “tour operator — hotel — transport — trade and service” services. Furthermore, it is stipulated that clusters must have at least a 40-bed accommodation facility, a handicrafts shop, security infrastructure, and one of the following specialisations: ecological,

ethnographic, cultural-historical, or health and wellness [10]. The authority to grant cluster status has been delegated to the Tourism Committee, and a register of clusters and an evaluation mechanism have been introduced.

The harmony of international experience and national regulatory frameworks is creating a solid foundation for the development of pilgrimage tourism in Uzbekistan based on the cluster model. This approach ensures the integrated management of services, forms an innovative tourism ecosystem in the regions, and contributes to economic growth. As noted above, in the tourist cluster system, the interintegration of tour operators, hotels, pilgrimage sites, transportation, trade, and service providers forms a chain of services operating under a single management. This integration enables the coordinated planning of itineraries, accommodation, transportation, visits to pilgrimage sites, as well as trade and additional service offerings (Figure 1).

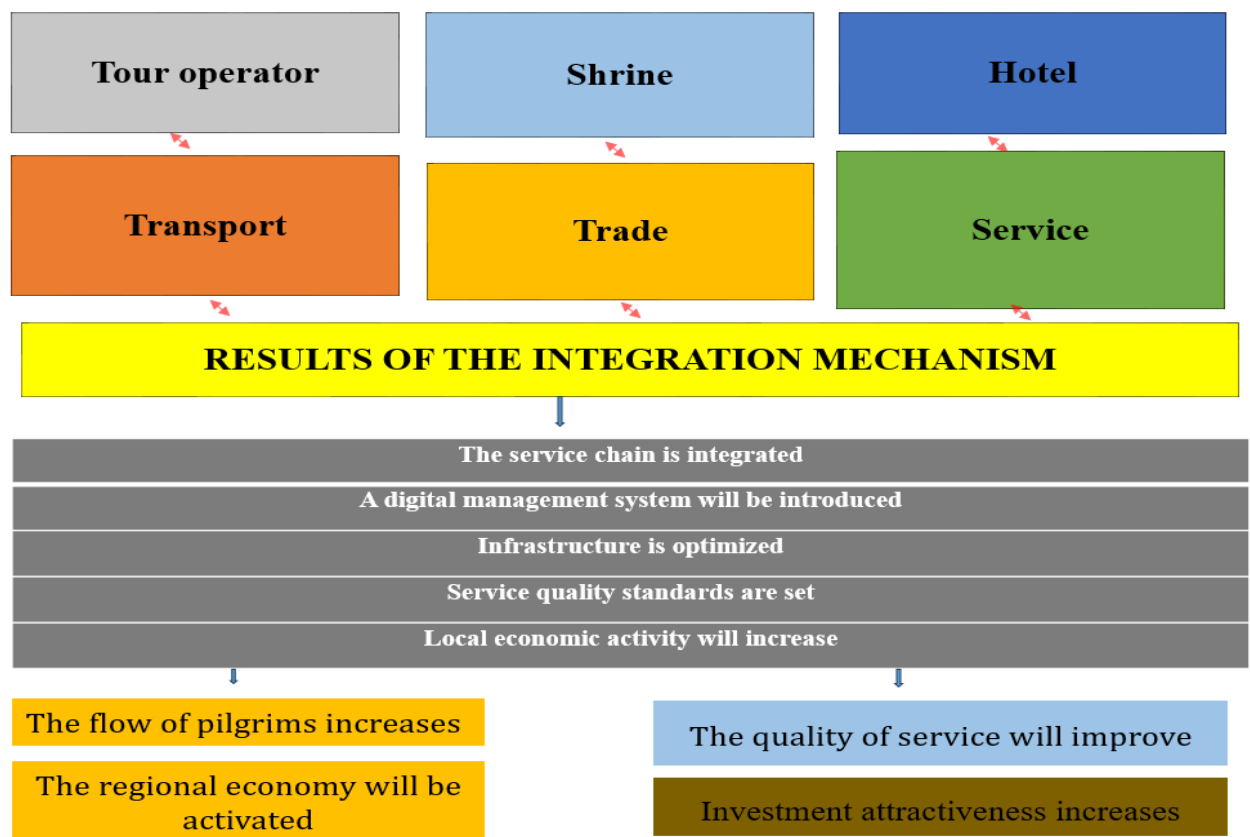


Figure 1. Pilgrimage tourism cluster: integrated system and practical outcomes.

The use of digital management systems accelerates booking processes, increases logistical efficiency, and helps establish a unified standard for service quality [11]. As a result, local economic activity is strengthened, new jobs are created, service quality and tourist satisfaction increase, the flow of pilgrims steadily grows, and the region's investment attractiveness increases, making pilgrimage tourism one of the key drivers of economic growth.

4. Discussion

In order to implement the task of increasing the number of both local and foreign tourists in Uzbekistan in accordance with the "Development Strategy of the New Uzbekistan," a number of tasks have been set, including the introduction of a barrier-free tourism infrastructure in our country. The development of infrastructure in the country's main tourist cities, tourist and cultural heritage sites, and their effective use will be adopted into a state program. In addition, Zomin, Additional tourist zones and recreational

facilities are planned to be established in the Forish and Baxmal districts and in the Aydar-Arnasoy lake system [12]. In the Republic of Karakalpakstan and on the shores of the Aral Sea, Ecotourism will be developed in the Navoi region, and the potential for developing pilgrimage tourism in the republic will also be effectively realized [13].

Analyses show that Uzbekistan is one of the countries with the highest potential for religious pilgrimage tourism in Central Asia. The country is home to major pilgrimage sites such as Imam al-Bukhari, Major pilgrimage sites such as the mausoleums of Imam al-Bukhari, Bahauddin Naqshband, Imam al-Tirmidhi, the Shah-e Zinda ensemble, and Pahlavon Mahmud are of special significance, serving not only as religious and spiritual centers but also as internationally recognized cultural and historical landmarks. These resources are the main factors shaping Uzbekistan's competitive advantage in the pilgrimage tourism market, and their potential is further expanded, especially when innovative and cluster approaches are implemented.

The economic and social impact of pilgrimage tourism becomes even more pronounced in several strategic directions when innovative management elements and clustering mechanisms are applied [14]. First, the integration of the service chain based on the cluster model—the operation of the hotel, transport, service, trade, guiding, and handicrafts sectors within a single system—leads to a steady increase in local employment. As the flow of visitors increases, each of these services creates additional jobs, forming a value-added chain within the cluster and boosting economic efficiency.

Innovative approaches, particularly ICT-based “smart” pilgrimage sites, digital guide systems, electronic queuing, and booking platforms, will accelerate infrastructure modernization. This process encourages the modernization of roads, transport connections, tourism information centers, and communication networks, significantly improving the quality indicators of the tourism product.

Cluster-based management also has a positive impact on the preservation of religious and spiritual heritage sites [15]. The allocation of a portion of tourism revenues to restoration and conservation work financially secures the preservation of monuments, thereby strengthening the long-term sustainability of heritage sites.

The expansion of innovative service models also increases domestic tourism activity. Flexible services such as digital maps of pilgrimage routes, multimodal transport integration, and accommodation in local residents' homes increase domestic mobility and boost people's interest in cultural and spiritual activities.

The cluster approach also plays an important role in revitalizing regional economies. The flow of pilgrims covers not only major cities but also remote regions, which reduces the economic disparity between regions and supports the development of small businesses and family entrepreneurship.

Thus, pilgrimage tourism, based on innovative and cluster approaches, plays a significant role in the revitalization of Uzbekistan's economy, social, and cultural development, providing a strong multiplier effect, maximizing the potential of existing resources, and establishing the country as a competitive hub on the international religious tourism map [16].

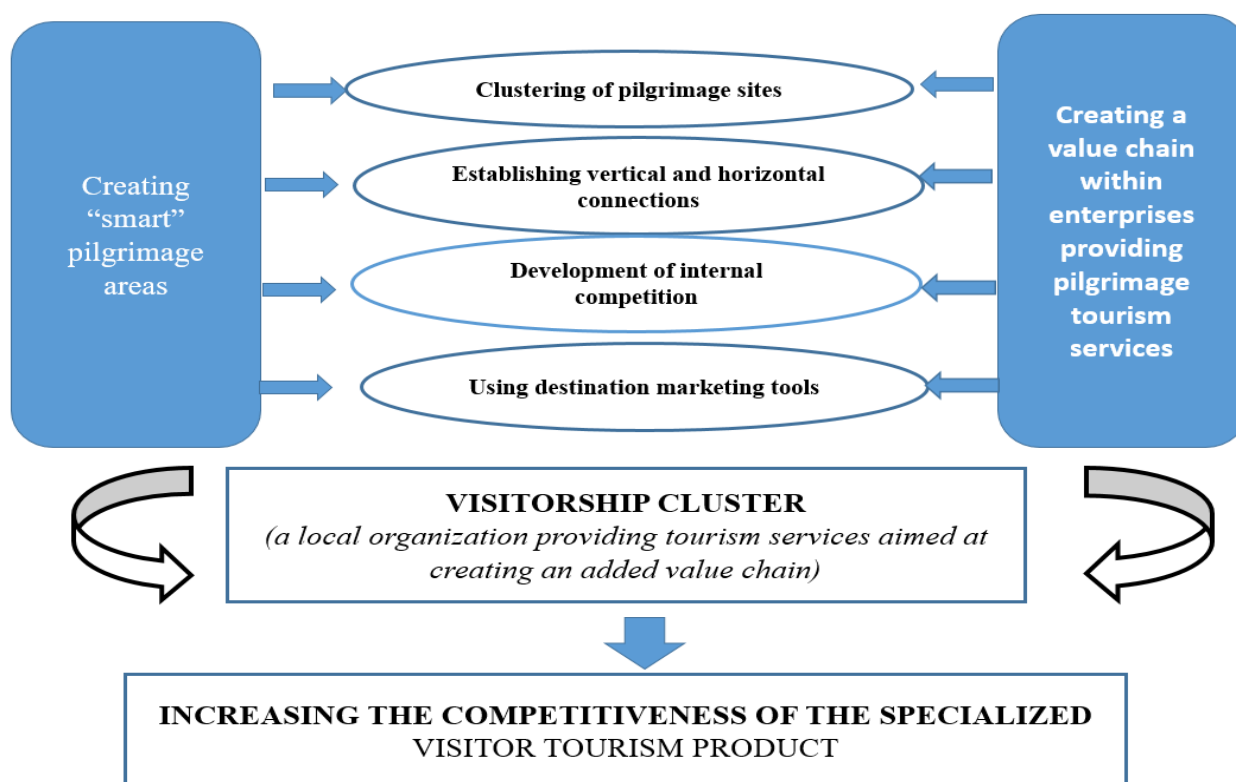


Figure 2. Smart pilgrimage tourism destination model for forming a pilgrimage cluster.

The application of a "smart" pilgrimage area model and clustering mechanisms is of great importance for the development of pilgrimage tourism (Figure 2). This approach consists of two main components. The first is digitizing pilgrimage sites and transforming them into functional "smart" tourist destinations through the extensive use of modern ICT and Internet technologies. The clustering of sacred sites optimizes service delivery processes within the region, accelerates information exchange, and increases the quality of the tourist product. The second is to create value chains within pilgrimage service-providing enterprises. As M. Porter defined it, the value chain signifies the integral interconnection of product creation, manufacturing, marketing, and service delivery processes. In the context of pilgrimage services, this chain leads to hotels, transportation, retail, service providers, and other services operating as a single system [17]. As each link's contribution to value creation increases, the cluster's overall economic efficiency improves.

The model shown in the picture demonstrates precisely the harmony of these two mechanisms: By clustering pilgrimage sites, establishing vertical and horizontal links among service providers, fostering internal competition, and employing destination marketing tools, an integrated pilgrimage cluster is formed [18]. As a result, resources are allocated efficiently, the service chain operates under unified management, and the value created for pilgrims increases significantly. The final result of this process is the creation of a specialized, competitive, and high-value pilgrimage tourism product.

5. Conclusion

Uzbekistan's pilgrimage tourism potential is directly linked to its historical-religious heritage, cultural values, and major pilgrimage sites, and these resources determine the country's competitiveness in the regional and global tourism market. In recent years, systematic reforms have been implemented to modernize the sector, expand the range of services, and introduce innovative approaches. In particular, Mechanisms such as ICT-based "smart" pilgrimage areas, the creation of tourism clusters, the formation of value

chains, and expanded local community participation are significantly increasing the economic and social efficiency of pilgrimage tourism.

The cluster approach enhances economic activity through a unified management system by ensuring functional integration among services such as pilgrimage sites, hotel operations, transportation, service, and trade. As a result, new jobs are created in the regions, infrastructure modernization accelerates, additional financial resources are generated for the preservation of heritage sites, and the appeal of domestic tourism increases. Overall, pilgrimage tourism based on innovative and cluster approaches will become an important driver of sustainable development for the Uzbek economy.

REFERENCES

- [1]. M. Porter, *The Competitive Advantage of Nations*. New York, NY, USA: Free Press, 1990.
- [2]. G. P. Gulyamova, "Development of pilgrimage tourism clusters in Uzbekistan: Opportunities and challenges," Uzbekistan.
- [3]. B. M. Eidelman, "Religious tourism in the tourism system," *Turismo Religioso en el Sistema Turístico*.
- [4]. M. J. Kawsar, M. Evans, and R. Khan, "Pilgrimage and tourism marketing concepts," in *Tourism Marketing Studies*.
- [5]. X. Xasanova and A. Abilqosimov, "The history of pilgrimage tourism and its role in the tourism sector."
- [6]. "Methodology of sustainable tourism development in the management of tourist territories," disserCat. [Online]. Available: <https://www.dissercat.com/content/metodologiya-ustoichivogo-razvitiya-turizma-v-upravlenii-turistskimi-territoriyami>
- [7]. "Methodology for the development of industrial tourism in the Russian Federation. Version 2.0," Agency for Strategic Initiatives. [Online]. Available: <https://asi.ru/library/promtourism/184110>
- [8]. T. V. Rassokhina, "Methodology of sustainable tourism development in the management of tourist territories," Dissertation materials. [Online]. Available: <https://science.cfuv.ru/gosudarstvennaya-nauchnaya-attestaciya/dissertacionnye-sovety/dissertacionnye-raboty-soveta-d-900-006-15/rassoxina-tatyana-vasilevna>
- [9]. *Development of Tourist Destinations: Models, Methods, Tools*. Russia. [Online]. Available: <https://201824.selcdn.ru/elit-125/pdf/9785604474525.pdf>
- [10]. J. N. Uzoqov, "Socio economic significance and role of pilgrimage tourism in the Kashkadarya region," *Innovative Technologies Scientific Journal*, Qarshi Engineering and Economics Institute, Special Issue, pp. 136–142, Dec. 2023.
- [11]. J. Uzoqov, "Government regulation and management of the development of pilgrimage tourism in Uzbekistan," *Journal of Management Value and Ethics*, vol. 14, no. 1, pp. 101–113, Jan.–Mar. 2024.
- [12]. J. N. Uzoqov, "Historical formation of pilgrimage tourism as an industry and stages of its development," *Bulletin of the Khorezm Mamun Academy*, no. 2024 4/2 (113), pp. 145–149, 2024.
- [13]. J. N. Uzoqov, "Improving organizational and economic mechanisms for the development of pilgrimage tourism in the Kashkadarya region," *Bulletin of the Khorezm Mamun Academy*, no. 2024 6/2 (115), pp. 236–240, 2024.
- [14]. J. N. Uzoqov, "Improving the mechanism for the development of pilgrimage tourism in Kashkadarya region," *Economy and Tourism International Scientific and Innovative Journal*, no. 3(17), pp. 104–112, 2024.
- [15]. J. N. Uzokov, "Stages of development of pilgrimage tourism and its historical formation as an industry," *Conference on the Role and Importance of Science in the Modern World*, vol. 1, no. 4, pp. 98–102, 2024.
- [16]. J. N. Uzoqov, "Ways to increase the role of pilgrimage tourism in the development of the national economy," in *Proceedings of the Republican Scientific Practical Conference on Priority Directions of Balanced Regional Development*, Fergana, Uzbekistan, Jan. 25, 2024, pp. 669–671.
- [17]. R. X. Ergashev and J. N. Uzoqov, "Ways to increase the economic and social efficiency of the pilgrimage tourism sector," *Scienceproblems.uz*, vol. 4, no. 5, pp. 57–62, 2024.
- [18]. A. Yu. Aleksandrova, *International Tourism: Theory and Practice*. Moscow, Russia: Aspekt Press, 2016; V. S. Senin, *Organization of Tourism*. Moscow, Russia: Finansy i Statistika, 2003.