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*Article*

# Assessment of The Development Processes and Indicators of Agrotourism in Samarkand

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**Abstract:** The sustainable agritourism development has been increasingly recognized as an important means for rural economic diversification, employment creation and conservation of cultural and agricultural heritage. The development of agrotourism in the Samarkand region presented with its socio-economic opportunities, agricultural potential and tourism dynamics are studied in this article. The article uses a full analytical framework, which combines hard indicators like tourist inflow, service diversification, seasonal dynamics and income generation with soft factors such as institutional backing, digitalization and stakeholder cooperation. The findings suggest that the evolution of agrotourism development in Samarkand is imbalanced, new technologies are integrated inadequately and a weak coordination among market entities occurs. Meanwhile, the region shows it is ripe for growth with better quality of service, digital conversion and use of data-based management tools. Special emphasis is placed on the contribution of innovation, smart platforms and performance monitoring systems that support efficiency and sustainability.Such results can serve as evidence-based grounds for policymakers and tourism management professionals, which would enable them to develop a more focused approach to increasing agrotourism competitiveness and sustainable future development in the Samarkand region.

**Keywords:** Agrotourism development, performance indicators, sustainable tourism, rural economy, Samarkand region, digital transformation

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## 1. Introduction

The increasing focus on sustainable rural development has stimulated a renewed academic and policy interest in agritourism as an option to diversify the economy, generate employment, and preserve agricultural and cultural patrimony. Agritourism is an intermix of tourism, agriculture and rural entrepreneurship that offers the rural economy to generate a stable flow of income through traditional use of land. In such a framework, a systematic evaluation of agritourism development processes and performance indicators is critical to comprehend not just what happens now but also future evolutions.

Sufficient historical value, diverse types of crops as well as a tourism demand driving up have combined in the Samarkand region a good environment for agritourism conducting. Despite these strengths, agritourism in Samarkand is unevenly developed and mainly consists of isolated projects, poor institutional coordination, and has little analytical and digital support. These issues make it difficult to measure development outcomes and to base policies on scientific evidence for the sector sustainability.

Degree of coverage of the research subject By considering international analysis, the interest in indicator-based assessment tools to assess agritourism performance (i.e., economic efficiency, service diversification, seasonal stability and environmental impact;

and social benefits for rural communities) is increasing. Yet, they are frequently created in the framework of mature tourism economies and needs to be adapted to local conditions especially where agritourism markets are emerging. For one of the cities, Samarkand, the lack of a coherent analytical framework has inhibited the capacity to track development pathways and key constraints and opportunities.

The present study, therefore, aims to fill in these gaps by evaluating the agritourism development processes and indicators in the Samarkand province. By combining both quantitative measurements and qualitative institutional and structural factors, the study offers a broad insight into dynamics of agritourism with a bearing on regional development. The results are expected to provide useful reference for agritourism assessment research and also present some practical implications for policymakers and stakeholders in the process of sustainable conversion of rural tourism system.

**Literature review**

Previous academic research has shown that the development of agritourism is closely related to the structural and technological changes taking place in rural economies. The study of Anvarov N.A. is that the formation and development of agritourism in Samarkand are closely connected with spatial organization, diversification of services and cultural and agricultural resources were included on the basis of rectangular reflectivity. Its author stresses the impact of agritouristic circuits and local oriented forms of supply, as objectively verifiable evidence for determining the maturity and sustainability in developing agritourism at a regional level [1].

There is ample international literature emphasizing how the processes of digitalization can improve the management and evaluation of agritourism. According to the research of Ivanov A.V and Smith J., digital solutions ( like online booking, data platforms or automated services coordination ) provide for more effective contact with stakeholders and offer better operating performance. Digitalization also creates new data flows that allow assessing development indicators such as service quality, demand dynamics and tourist satisfaction, facilitating evidence-based decision-making [2], [3].

For their part, studies on indicator-based assessment models propose that the evaluation of agritourism should be carried out through multicriterion systems which incorporate economic criteria, as well as social and institutional. Togaymurodov E. contends that income-generating, employment creation, seasonality and community involvement indicators are more relevant than single-output measures for assessing agritourism performance. The capacity afforded by such frameworks to identify bottlenecks in development and growth potential is particularly important in the emerging agritourism regions.

Policy-based studies carried out by the European Commission highlight resilience, digital preparedness and governance quality as key dimensions of rural tourism assessment. Strategic planning papers emphasize that sustainable agritourism development needs integrated monitoring of innovation assimilation, stakeholder involvement and institution's capacity building. These tools grant potential, transferable methodological approaches when considering how to evaluate agritourism development processes in places like Samarkand, provided indicator systems are ''fine-tuned'' to specific local social and economic contexts.

## 2. Materials and Methods

**Research Design**

The research is conducted in two stages, and the combination of quantitative methods with open-ended questions helps to provide understanding on the processes of development and success indicators for agritourism in the Samarkand region. The analytical approach combines numerical indicators with qualitative contextual information to be able to present both empirical results and structural aspects of agritourism development. This allows development dynamics to be fully assessed taking into account socio-economic and institutional framework characteristics at the sub-national level.

**Data Sources and Materials**

Study has empirical foundation based on the primary and secondary data from different resources. The first-hand data were collected by structured questionnaires and semi-structured interviews from agritourism service providers, local farmers, tourism agencies and visitors in the region of Samarkand. These data contain information about types of services offered, demand patterns, seasonality and perceptions by stakeholders.

Secondary data were collected from official statistical publications, regional development reports, tourism databases and policy papers focusing on rural development and tourism. Scraper Information Digital data from online booking platforms, promotional websites and user generated reviews MEPs To complement traditional statistical indicators and assess digital engagement/service visibility.

Indicator Selection and Classification

For characterising developments of agritourism, an indicator framework was constructed drawing upon international academic literature as well as policy-relevant approaches. Indicators were divided into four analytical dimensions:

(I) markers of economic impact (e.g., reduction of income risk, change in employment);

(II) tourism statistics (visit flows, seasonality, services differentiation);

(III) indicators of social and institutional (stakeholders' engagement, working incentives).

(IV) Digital and innovation measures (eg, online activity on the web and digital platforms; customization of services).

The process of selecting was based on indicators being measurable, comparable and applicable to the local setting of Samarkand.

**Analytical Methods**

Descriptive statistical analysis was applied to quantitative data as well to discover patterns, trends, and variance in indicators. The composite indices were intended to synthesize multi-dimensionality of performance, as well as comparing one farm with another in different agritourism activities and locations within the region. Scaling e.ects were handled, where necessary, by normalization to the same range of indicators measured at di.erent scales.

Interviews and open-ended survey responses were used to provide qualitative data, which was analysed through thematic content analysis. This approach facilitated extracting patterns that emerged in development barriers, innovation motivations and institutional variables accounting for the agritourism performance. The qualitative results were integrated with the quantitative results to inform context and interpretation.

**Validation and Reliability**

In order to improve the dependability of the assessment, triangulation was utilized by comparing findings from different data. The robustness of the indicators was assessed with sensitivity analysis examining results robustness to alternative weighting. Expert review with regional tourism experts and academics was used to confirm indicator relevance, and methodological consistency.

**Ethical Considerations**

All data were collected in accordance with the principles of Human Subjects Research. Participating in the questionnaire and interview was voluntary, informed consent of all respondents was assured. Some personal and commercially sensitive data was anonymised, for academics use only. (Table 1)

## 3. Results and Discussion

**Table 1.** Research design and temporal phases of the mixed-methods assessment of agritourism development in Samarkand

| Time Period (Year) | Research Component | Methodological Focus | Analytical Purpose |
|---|---|---|---|
| 2022 | Conceptual framework development | Review and synthesis of international and regional literature | Identification of agritourism development processes |

| | | | |
|---|---|---|---|
| | | | and assessment indicators |
| 2023 | Quantitative data collection | Compilation of statistical and indicator-based data | Measurement of agritourism performance outcomes |
| 2023 | Qualitative data collection | Contextual analysis through stakeholder inputs and institutional review | Examination of structural and socio-economic characteristics |
| 2024 | Integrated analysis | Combination of quantitative indicators and qualitative findings | Comprehensive evaluation of development dynamics |
| 2024 | Validation and interpretation | Cross-checking results within regional socio-economic conditions | Ensuring robustness and contextual relevance of conclusions |

Source: compiled by the author based on the data presented in Appendix 1.

The research design was realized in a sequential and time framed mixed-methods manner, to enable the holistic analysis of agritourism development processes in Samarkand region. In the first phase, a conceptual and analytical framework was developed at cutting edge level by reviewing international academic literature and in situ regional policy documents. This phase allowed the identification of developmental core processes and to choose performance indicators adjusted to local context [3].

In the next stage, quantitative information was obtained and organised on the basis of official statistical sources and indicator datasets. This stage was targeted for evaluating tangible evidences of agritourism development like structural dynamics and performance indicators. Simultaneous qualitative data collection during the same period was guided by contextual analysis of institutional environments and perspectives on underlying social economic and organizational determinants shaping development pathways.

The stage of integration amalgamated quantitative measurements with qualitative results to create a complete interpretation on agritourism development dynamics. Such an integrative analysis allowed the generation of relationships between measures and circumstances. The last phase consisted in validating and interpreting the analysis by verifying the results against regional socio-economic situations to ensure the robustness, internal coherence of the method and contextual relevance of conclusions. Together, this staged research design enables us to conduct a systematic and sound review of the process of agritourism development and its indicators in the Samarkand province. (Table 2)

**Table 2.** Structure and sources of empirical data used in the study (2022–2024)

| Data Category | Type of Data | Collection Period (Year) | Source Description | Research Purpose |
|---|---|---|---|---|
| Primary empirical data | Survey data | 2023 | Structured questionnaires administered to agritourism service providers and tourists in the Samarkand region | Identification of service characteristics, demand patterns, and seasonal dynamics |
| Primary qualitative data | Interview data | 2023 | Semi-structured interviews with local farmers, tourism operators, and sector stakeholders | Analysis of stakeholder perceptions and institutional conditions |

| | | | | |
|---|---|---|---|---|
| Secondary statistical data | Official statistics | 2022–2024 | National and regional statistical publications related to tourism and rural development | Measurement of quantitative agritourism performance indicators |
| Secondary analytical materials | Policy and development reports | 2022–2024 | Regional development strategies and tourism policy documents | Contextualization of agritourism development processes |
| Digital platform data | Online behavioral data | 2023–2024 | Data from booking platforms and promotional tourism websites | Assessment of digital engagement and market visibility |
| User-generated content | Review and feedback data | 2023–2024 | Tourist reviews and ratings published on online platforms | Evaluation of perceived service quality and customer satisfaction |

**Source: compiled by the author based on the data presented in Appendix 2.**

The research was empirically based on the accumulation of diverse data-material, regularly gathered during in the years 2022_ _ 2024. The main collection of empirical data took place in 2023 through the use of structured questionnaires given to agritourism providers and end users in the Samarkand region. These statistics could be used for description of features of the service, profile of demand and seasonal trends from actual market players.

Semi-structured interviews with local farmers, tourism operators and other people of interest were being conducted concurrently at the same time period [4]. The qualitative data collected by the interviews offered insights from the stakeholders' about their perceptions regarding institution conditions and operational barriers to development of agritourism. This qualitative part added depth to the survey findings by providing an understanding of mechanisms not represented in numerical indicators.

Secondary data Sources: secondary data elements come from 2022-2024 and consist of official statistical publications related to the tourism sector (Source Ministries DSDC), village development at provincial and nationwide level. These data were employed in the construction of key performance indicators, as well as to analyse medium-term trends in agritourism development. Further contextual evidence came from regional development strategies and tourism policy papers, to help interpret the empirical findings in the larger institutional and strategic context [5].

F – Digital data from various online booking platforms, tourism promotional websites and user-generated review systems for the age of 2023–2024 were included to strengthen the analytic depth in the study. Using digital content, it was possible to evaluate online visibility, market engagement, and perceived quality of service by complementing traditional statistics with variables that reveal digital interaction and customer response. The combination of these different sources of information allowed for a thorough and methodologically sound analysis of agritourism development processes and indicators in the region of Samarkand. (Table 3)

**Table 3.** Indicator classification framework for assessing agritourism development in the Samarkand region

| Analytical Dimension | Indicator Category | Reference Period (Year) | Representative Indicators | Assessment Objective |
|---|---|---|---|---|

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|---|---|---|---|---|
| Economic dimension | Economic performance indicators | 2022–2024 | Income diversification of rural households; employment creation in agritourism | Evaluation of economic contribution and income stability |
| Tourism dimension | Tourism activity indicators | 2022–2024 | Visitor flows; seasonality index; diversity of agritourism services | Measurement of tourism dynamics and service structure |
| Social–institutional dimension | Social and governance indicators | 2023–2024 | Stakeholder participation; cooperation mechanisms; institutional support | Assessment of social engagement and governance capacity |
| Digital–innovation dimension | Digitalization and innovation indicators | 2023–2024 | Online presence; use of digital platforms; level of service personalization | Evaluation of digital readiness and innovation adoption |

**Source: compiled by the author based on the data presented in Appendix 3.**

The above table provides an analytical basis for comparison and enables the consideration of a set of factors determining the theoretical model that will guide agritourism development in Samarkand region. The typology is grounded on the idea that agritourism development stems from the interplay of interconnected economic, tourism, social–institutional and digital–innovation drivers which need to be viewed in unison for a full understanding of sector dynamics [6].

Economic indicators had been chosen to represent the increase of agritourism in rural incomes diversification and employment creation for 2022–2024. With such measures, it is also possible to analyze the economic sustainability and income-dangering effect of rural tourism activities at regional level. The objective of tourism-oriented indicators is on flows, seasonality and range of services offered to allow for an exploratory diagnosis demand dynamics and the agritourism product structural composition.

Social and organization indicators represent the level of stakeholders' involvement, cooperative means and institutional support schemes. These are especially relevant indicators for establishing the governance ability and inclusiveness of agritourism development. Digital and innovation indicators were incorporated to measure the degree of digital platform used, online presence, as well as service personalization which corresponds to the increased role of digitalization transformation within current agritourism systems [7].

An integrated evaluation module sums up the evaluative indicators across all criteria for comparison and to infer development trends. Time-wise alignment of the indicators permits to analyse both short-run performance as well as medium-term trend. In general, it makes possible measurability, comparability and also contextuality of the indicator; these provide a sound methodological ground for assessment of development processes in agri-tourism sphere in Samarkand region.(Table 4)

**Table 4.** Analytical methods and temporal application framework

| Methodological Category | Analytical Method | Application Period (Year) | Data Type | Analytical Purpose |
|---|---|---|---|---|
| Quantitative analysis | Descriptive statistical analysis | 2023–2024 | Indicator-based numerical data | Identification of trends, variability, and structural patterns in |

| | | | | |
|---|---|---|---|---|
| | | | | agritourism development |
| Quantitative synthesis | Composite index construction | 2024 | Multidimensional indicator sets | Aggregation of performance indicators and comparative evaluation across locations |
| Data standardization | Normalization procedures | 2024 | Indicators measured on different scales | Ensuring comparability and analytical consistency |
| Qualitative analysis | Thematic content analysis | 2023–2024 | Interview transcripts and open-ended survey responses | Identification of recurring themes related to constraints and innovation drivers |
| Integrated interpretation | Quantitative–qualitative triangulation | 2024 | Combined numerical and textual data | Contextualization and validation of quantitative findings |

**Source: compiled by the author based on the data presented in Appendix 4.**

In methodology of research quantitative methods were combined with qualitative Content-analysis The analytical approaches in the study represented a combination of statistical analysis and interpretive statements to allow for broad understanding of agritourism development processes in the Samarkand region [8]. Quantitative data analysis took place in 2023–2024, through descriptive statistical methods that analysed the evolution and structural distribution of selected developmental indicators, as well as their dispersion. This phase made it possible to identify both main patterns and outlier values in agritourism practices between different sites in the region.

To understand multidimensional aspects, in 2024 composite indicators were created using weighted normalization of economy-tourism-social-digital dimensions [9]. Indicators measured on different scales were normalized to render them comparable and allow us to make analytic comparisons between datasets and internally consistent. These aggregated metrics facilitated cross-sectional comparison and allowed benchmarking among agritourism organisations.

A parallel qualitative analysis was performed including first, the thematic content analysis of interview transcriptions and open survey questions obtained for 2023–2024. The technique enabled the authors to isolate patterns among the development constraints, drivers of innovation, and institutional conditions affecting agritourism activity [10]. Qualitative data were integrated with, and intersected by, quantified findings. This analysis facilitated qualitative validation as well as contextualization of the statistical results. More generally, the integrated analysis further reinforces the soundness of conclusions by connecting observations across tangible results and underlying mechanisms underlying agritourism dynamisation in Samarkand region.(Table 5)

**Table 5.** Validation and reliability framework of the assessment

| Validation Method | Description of Procedure | Implementation Period (Year) | Purpose of Application |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Data triangulation | Cross-validation of results using primary surveys, interviews, statistical data, and digital sources | 2023–2024 | Enhancement of result reliability through consistency across data sources |
| Sensitivity analysis | Testing indicator stability under alternative weighting and aggregation schemes | 2024 | Assessment of robustness and stability of composite indicators |
| Expert evaluation | Consultation with regional tourism experts and academic researchers | 2024 | Verification of indicator relevance and methodological soundness |
| Methodological consistency check | Comparative review of analytical procedures across indicator groups | 2024 | Ensuring internal coherence of the assessment framework |
| Interpretative validation | Cross-referencing quantitative outcomes with qualitative insights | 2023–2024 | Contextual validation of empirical findings |

Source: compiled by the author based on the data presented in Appendix 5.

In order to maintain the validity and reliability of measurement results, a four-step validation approach was followed during this empirical analysis. The main method was data triangulation, where observations from surveys, interviews, official statistics, and digital data sources were analyzed in relation to each other. This method minimized the likelihood of source-specific bias and enhanced internal consistency of findings [11].

Sensitivity analysis in 2024 further tested the robustness of the indicator system. Composite indicators also were assigned to different weightings and aggregation schemes in order to assess the robustness of results from different methodological specifications. The findings also showed that the main outcomes were robust, with a high level of indicator stability.

Expert assessment was also very important in validation of methodological aspects. Door middel van interviews met regionale toerismeprofessionals en academische onderzoekers is op relevantie, interpretabiliteit en praktisch gebruik beoordeeld of de geselecteerde indicatoren bruikbaar zijn. This expert review helped to further develop the analytical framework and to draw on regional development realities.

Lastly, there was methodological congruency in that we compared method across priming groups along with blending quantitative evidence through qualitative understandings [12]. This interpre- tative validation provided logical meaning of outcomes and increased global trustworthi- ness of the measurement. Together, these validation procedures offer a robust methodological basis to measure the processes and indicative factors of agritourism development in the Samarkand region. (Table 6)

**Table 6.** Ethical princi**ples and compliance measures applied in the study**

| **Ethical Principle** | **Description of Ethical Practice** | **Implementation Period (Year)** | **Purpose and Outcome** |
|---|---|---|---|
| Voluntary participation | Participation in surveys and interviews was based on free and informed choice | 2023 | Ensured respect for respondent autonomy |
| Informed consent | Respondents were provided with clear information about | 2023 | Guaranteed transparency and ethical awareness |

| | | | |
|---|---|---|---|
| | research objectives and data use | | |
| Data anonymization | Personal and commercially sensitive data were anonymized prior to analysis | 2023–2024 | Protection of privacy and confidentiality |
| Academic use of data | Collected data were used exclusively for scientific and research purposes | 2023–2024 | Prevention of misuse of information |
| Ethical standards compliance | Research procedures followed established ethical research guidelines | 2022–2024 | Alignment with international academic ethics norms |

**Source: compiled by the author based on the data presented in Appendix 6.**

Ethical considerations were consistently incorporated into all stages of the research process to meet with internationally recognized academic standards [13]. The data collection carried out in 2023 was self-determined and all informants entered surveys and interview willingly, without being forced to do so. Respondents were fully informed about the background and objectives of the study, the intended use of data collected, and confidentiality procedures before participating in the surveys [14].

Transparency and ethical responsibility to the participants was guaranteed by consent procedures so that individuals could make an informed decision on their own membership. For confidentiality reasons and commercial interests, all personal identifiable information was de-identified before analysis. This was to ensure that no individual respondents could be identified and to protect confidentiality during the process of analysis which was carried out from 2023–2024 [15].

In addition, the data collected was restricted to academic and scientific research uses only, and did not include any non-research use cases. Ethical considerations were reflected on throughout the study in terms of both design and analysis in accordance with established research ethics principles. Taken as a whole, these ethical protection reaffirm the quality and social responsibility of the empirical evidence of our study.

Recommendations:

Considering the examination of agritourism development processes and indicator trend analysis in Samarkand region, the following policy/practice-focused suggestions can be suggested to increase effectiveness and sustainability of sector.

Depending on the region an indicator-based monitoring system for agritourism development should be established. Regular monitoring and analysis of the municipalities' economic, tourism, social and digital indicators would facilitate ongoing assessment of development paths and assist in making decisions based on evidence. This system must be incorporated in regional tourism and rural development schemes.

The development of digital infrastructure and the capacity of the analytical tools are critical for establishing more accurate agritourism valuation. An increased use of digital platforms including data analytics tools, and smart tourism technologies, could also enable real-time tracking of visitor and service performance & market trends. This would subsequently enhance adaptive management and increase the capacity of agritourism services to respond to shifts in demand.

To mitigate seasonality and enhance value generation, there is a need for focused assistance with service diversification/development. Promoting the construction of the integrated agritourism products to be used as a compound textbook with agriculture, culture identity and experiential tourism as carriers would effectively differentiate services

so as to strengthen regional competitiveness. Indicator-based assessment can support the selection process of promising areas and services.

Proactive efforts to enhance the cooperation of stakeholders, such as farmers, tourism professionals, local authorities and cultural bodies would be beneficial. Better coordination would lead to more balanced development procedures and allow individual initiatives match with the regional development targets. Participation and collaboration efficacy can be tested with social/institutional indicators.

It should pay special attention to strengthening the digital visibility and innovation capacity of agritourism providers. Training for digital marketing, platform use and customization services would help adopt innovation and enhance market entry. Digital signals can also be used to track progress in this area and gaps in digital readiness. The indicator framework should be revised on an ongoing basis to maintain relevance. Regular reassessment of indicators, introduction of new data sources and responsiveness to changing socio-economic conditions would ensure that the system used for analysis remains analytically sound. This sort of flexibility is absolutely necessary for the durable development of agritourism in Samarkand region.

## 4. Conclusion

Agritourism development was complemented by processes and indicators concept in the region of Samarkand That To access the results, we built acategorical model arising from the economic performance; tourism competence that is evolved with institutional strength and made digital transformation. The findings suggest that the development of agritourism in the region is not possible to adequately understand the isolated output indicators, since this cause-effect relation depends on underlying structural and process determinants.

By employing an indicator-based approach in this analysis, covering economic, tourism, social–institutional, and digital–innovation aspects, a comprehensive understanding of agritourism dynamics was collected. This multi-level analysis afforded an understanding of how measurable performance indicators relate to contextual causes, exposing possible development opportunities but also structural limits in the regional agritourism system.

The findings demonstrate increasing requirement for digitalization and data management for greater efficiency and flexibility in agritourism. The analysis also highlights the importance of stakeholder collaboration and institutional backing in influencing sustainability development pathways. From these results, it can be deleved that there is a need to ensure balanced development in all indicator dimensions are important to the resilience and competitiveness of agritourism Samarkand.

In general, this study adds to the academic literature by suggesting a context-informed model for evaluating agritourism development processes and indicators in developing tourism destinations. Practically, the results can serve as an analytical basis for data-driven policy-making and strategic planning to promote sustainable agritourism development in Samarkand region.

## REFERENCES

[1] N. A. Anvarov, “Agrotourism and development of rural communities in Samarkand,” Journal of Economics and Education, vol. 2, no. 1, pp. 299–307, 2024.

[2] A. V. Ivanov, “Digital transformation of agritourism and its impact on rural economic development,” Rural Economy and Tourism Review, vol. 11, no. 3, pp. 61–74, 2019.

[3] J. Smith, “Measuring tourism development through indicator-based frameworks: A multidimensional approach,” Tourism Economics and Policy, vol. 18, no. 2, pp. 89–103, 2021.

[4] E. R. Togaymurodov, “Socio-economic indicators of agritourism development in emerging destinations,” Central Asian Economic Journal, vol. 5, no. 1, pp. 27–39, 2023.

[5] European Commission, Transition Pathway for Tourism: Towards a More Resilient, Digital and Sustainable Tourism Ecosystem. Luxembourg: Publications Office of the European Union, 2022.
[6] B. Lane and E. Kastenholz, "Rural tourism: The evolution of practice and research approaches," Journal of Sustainable Tourism, vol. 23, nos. 8–9, pp. 1133–1156, 2015.
[7] R. Sharpley and A. Vass, "Tourism, farming and diversification: An attitudinal study," Tourism Management, vol. 27, no. 5, pp. 1040–1052, 2006.
[8] World Tourism Organization (UNWTO), Tourism and Rural Development. [Online]. Available: https://www.e-unwto.org/doi/book/10.18111/9789284422173. Accessed: 2025.
[9] Organisation for Economic Co-operation and Development (OECD), OECD Tourism Trends and Policies 2024. [Online]. Available: https://www.oecd.org/en/publications/2024/07/oecd-tourism-trends-and-policies-2024_17ff33a3.html. Accessed: 2025.
[10] European CAP Network, Reinforcing Rural Tourism Resilience: Policy Insights. [Online]. Available: https://eu-cap-network.ec.europa.eu/sites/default/files/publications/2023-06/EUCAPNetwork_PolicyInsights_ReinforcingRuralTourismResilience_230620.pdf. Accessed: 2025.
[11] Rural Tourism IPP, "Rural tourism development platform," [Online]. Available: https://ruraltourism.ipp.rs/en/home
. Accessed: 2025.
[12] State Statistics Committee of the Republic of Uzbekistan, "Official statistics portal," [Online]. Available: www.stat.uz. Accessed: 2025.
[13] Buddha.by, "Termez Buddhist heritage of Uzbekistan," [Online]. Available: https://buddha.by/termez-buddiiskoe-nasledie-uzbekistana. Accessed: 2025.
[14] Uzbekistan Tourism Committee, "Official tourism portal of Uzbekistan," [Online]. Available: https://uzbektourism.uz. Accessed: 2025.
[15] Salam Standard, "Global Islamic economy and halal standards," [Online]. Available: https://www.salamstandard.org. Accessed: 2025.