ECONOSCITECH INTEGRATION

ISSUE 7

INTERNATIONAL SCIENTIFIC ELECTRONIC JOURNAL

TASHKENT STATE UNIVERSITY OF ECONOMICS

American University of Technology
Powered by Arizona State University®

ISSN: 3060-5075

Acceptance of articles

PUBLISHED EVERY MONTHLY

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OPEN ACCESS

CONTACT: +998 94 3540880 https://econoscitech-integration-journal.uz 2026

THE SCIENTIFIC-POPULAR ELECTRONIC JOURNAL **"ECONOSCITECH-INTEGRATION"** HAS BEEN REGISTERED UNDER THE NUMBER C-5669651 BY THE AGENCY FOR INFORMATION AND MASS COMMUNICATIONS (AOKA) OF THE REPUBLIC OF UZBEKISTAN, EFFECTIVE FROM OCTOBER 9, 2024.

In accordance with Resolution No. 384/6 dated April 10, 2026, issued by the Presidium of the Supreme Attestation Commission under the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan, this journal is included in the list of recommended international scientific publications for publishing the primary research findings of doctoral dissertations in the field of Economic Sciences.

Partners: Tashkent State University of Economics / American University of Technology in Tashkent (AUT)

Electronic publication. Issue 7. 374 pages.
Approved for publication in July 2026.

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INSTITUTIONAL CHALLENGES AND DEVELOPMENT CONSTRAINTS IN SERVICE SECTOR MANAGEMENT

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Abstract. The service sector has become one of the principal drivers of sustainable economic growth, employment generation, and poverty reduction. However, its development largely depends on the effectiveness of institutional governance and the quality of regulatory frameworks. This study examines the major institutional challenges affecting service sector management in the Republic of Karakalpakstan. Drawing on institutional economics as its theoretical foundation, the research employs a qualitative analytical approach based on comparative analysis, systems analysis, and the synthesis of existing institutional practices.

The study identifies six major institutional constraints: excessive bureaucratic procedures, a shortage of qualified human resources, insufficient digital transformation, the high prevalence of the informal economy, underdeveloped public–private partnership (PPP) mechanisms, and inadequate regional infrastructure. The findings indicate that these institutional barriers reduce market competitiveness, increase transaction costs, discourage investment, and constrain innovation in the service sector.

Based on the findings, the study proposes an integrated institutional reform framework comprising regulatory liberalization, human capital development, accelerated digital transformation, expansion of public–private partnerships, reduction of informal economic activities, infrastructure modernization, and the promotion of a competitive business environment. The proposed recommendations may contribute to improving the effectiveness of service sector governance and supporting sustainable regional socio-economic development.

Keywords: service sector management; institutional economics; institutional reforms; public–private partnership (PPP); digital transformation; human capital; informal economy; regional development; governance efficiency; transaction costs.

Аннотация. Сфера услуг стала одним из ключевых факторов устойчивого экономического роста, создания новых рабочих мест и сокращения бедности. Однако её развитие в значительной степени зависит от эффективности институционального управления и качества нормативно-правового регулирования. В настоящем исследовании рассматриваются основные институциональные проблемы, оказывающие влияние на управление сферой услуг в Республике Каракалпакстан. Теоретической основой исследования выступает институциональная экономика. Исследование выполнено с использованием качественного аналитического подхода, основанного на сравнительном анализе, системном анализе и синтезе существующих институциональных практик.

В результате исследования выявлены шесть ключевых институциональных ограничений: чрезмерная бюрократизация административных процедур, дефицит квалифицированных кадров, недостаточный уровень цифровой трансформации, высокая доля неформальной экономики, недостаточное развитие механизмов государственно-частного партнёрства и неудовлетворительное состояние региональной инфраструктуры. Полученные результаты свидетельствуют о том, что указанные институциональные барьеры снижают конкурентоспособность рынка, увеличивают трансакционные издержки, сдерживают инвестиционную активность и ограничивают инновационное развитие сферы услуг.

На основе результатов исследования предложена комплексная модель институциональных реформ, включающая либерализацию государственного регулирования, развитие человеческого капитала, ускорение цифровой трансформации, расширение механизмов государственно-частного партнёрства, сокращение масштабов неформальной экономики, модернизацию инфраструктуры и формирование конкурентной рыночной среды. Предлагаемые рекомендации могут способствовать повышению эффективности управления сферой услуг и обеспечению устойчивого социально-экономического развития регионов.

Ключевые слова: управление сферой услуг; институциональная экономика; институциональные реформы; государственно-частное партнёрство (ГЧП); цифровая трансформация; человеческий капитал; неформальная экономика; региональное развитие; эффективность управления; трансакционные издержки.

INTRODUCTION

The service sector has become one of the principal drivers of economic growth, employment generation, innovation, and poverty reduction in modern economies. Its sustainable development depends not only on market conditions but also on the effectiveness of institutional governance. Efficient institutions contribute to the formation of a favorable business environment by reducing transaction costs, improving regulatory quality, encouraging investment, and promoting competition [5, 8].

Institutional economics emphasizes the critical role of institutions in economic development. According to Douglass C. North, effective institutional frameworks reduce uncertainty and improve economic performance by establishing clear rules and appropriate incentives [5]. Williamson further argues that efficient governance structures reduce transaction costs and enhance organizational performance [8]. Therefore, strengthening institutional governance is essential for improving the efficiency and competitiveness of the service sector.

In Uzbekistan, ongoing economic reforms have supported the accelerated development of the service sector through regulatory improvements, digital transformation, and measures aimed at promoting private entrepreneurship. At the same time, several institutional development priorities remain particularly relevant for the Republic of Karakalpakstan. These include further simplification of administrative procedures, improvement of human resource capacity, expansion of digitalization, gradual formalization of economic activities, development of public–private partnership (PPP) mechanisms, and modernization of regional infrastructure. Addressing these areas can enhance investment attractiveness, stimulate innovation, and support the sustainable development of the service sector [2, 3, 4, 9].

Although previous studies have examined institutional development and service sector performance, relatively limited attention has been devoted to institutional constraints affecting service sector management at the regional level in Uzbekistan. International studies demonstrate that institutional quality, competition policy, and effective governance significantly influence long-term economic growth and service sector competitiveness [1, 6, 7]. Nevertheless, empirical evidence concerning regional institutional barriers in developing economies remains comparatively limited.

LITERATURE REVIEW

Previous studies have extensively examined the relationship between institutional quality and economic development. According to North, institutions comprise the formal and informal rules that shape economic interactions by reducing uncertainty and transaction costs, thereby improving economic performance [5]. Williamson further developed the field of institutional economics by emphasizing governance structures and transaction cost economics as key determinants of organizational efficiency [8].

The relationship between institutions and long-term economic prosperity has also been examined by Acemoglu and Robinson, who argue that inclusive institutions promote innovation, investment, and sustainable economic growth, whereas less inclusive institutional arrangements may constrain development [1]. These theoretical approaches provide an important foundation for understanding the institutional determinants of service sector development.

Competition and market efficiency have received considerable attention in the literature. Porter emphasizes that competitive advantage depends on productivity, innovation, and the quality of the institutional environment that supports business activity [7]. Similarly, the OECD highlights that reducing unnecessary regulatory barriers and promoting competition can significantly improve market performance and consumer welfare [6]. The European Commission also recognizes regulatory simplification and digital governance as important instruments for strengthening competitiveness in service markets [4].

Recent international reports indicate that digital transformation has become one of the major drivers of productivity growth and service sector modernization. The World Bank emphasizes that digital technologies improve market access, reduce administrative costs, and strengthen business resilience [9]. Likewise, the World Economic Forum identifies digitalization and innovation as essential factors in supporting sustainable economic growth and regional competitiveness [12].

Investment and public–private partnership (PPP) mechanisms also play a crucial role in expanding the capacity of the service sector. According to UNCTAD, institutional stability and investment-friendly regulatory frameworks contribute to attracting both domestic and foreign investment [11]. The World Trade Organization further notes that efficient service markets enhance trade competitiveness and support regional economic integration [10].

Although the international literature provides substantial evidence on institutional governance, competition policy, and digital transformation, relatively few studies examine these issues at the regional level in transition economies. In the context of Uzbekistan, Dauletmuratov analyzed institutional mechanisms for service sector management and demonstrated that institutional reforms have a significant influence on service sector performance and regional economic development [2]. His subsequent research also confirmed the positive relationship between service sector expansion and poverty reduction through employment generation and entrepreneurship development [3].

RESEARCH METHODOLOGY

This study employs a qualitative research methodology grounded in the principles of institutional economics to examine the institutional challenges affecting service sector management in the Republic of Karakalpakstan. The methodological framework is based on the assumption that the effectiveness of institutional arrangements significantly influences market efficiency, transaction costs, investment attractiveness, and the long-term competitiveness of the service sector [5, 8].

The study relies on secondary data obtained from national legislation, government policy documents, official statistical reports of the Republic of Uzbekistan, publications of international organizations, including the World Bank, OECD, European Commission, UNCTAD, and WTO, as well as relevant national and international scientific literature [4, 6, 9–12]. These sources provide a comprehensive basis for assessing institutional governance and identifying the principal factors influencing service sector development.

The theoretical foundation of the study draws on North's institutional economics, which emphasizes the role of formal and informal institutions in reducing uncertainty and transaction costs [5]. Williamson's transaction cost economics provides the analytical framework for assessing governance efficiency [8], while Porter's theory of competitive advantage explains the relationship between institutional quality and market competitiveness [7]. De Soto's concepts of the informal economy are applied to examine the institutional factors contributing to informal business activity [13]. In addition, the digital transformation perspective is supported by Castells' network society theory and recent studies on the digital economy [14, 15].

To achieve the research objectives, several complementary scientific methods were employed. Systems analysis was used to examine the interrelationships among the institutional, economic, and organizational factors influencing service sector development. Comparative analysis enabled the assessment of institutional practices and regulatory approaches by comparing national experience with international best practices [4, 6]. Content analysis was applied to legal documents, policy strategies, and scientific publications related to institutional governance. Logical analysis and synthesis were subsequently used to integrate theoretical concepts with empirical evidence and to formulate scientifically grounded policy recommendations for improving institutional governance in the service sector.

The methodological approach is descriptive and analytical rather than econometric. It focuses on identifying priority areas for institutional development, assessing their economic implications, and proposing evidence-based institutional reforms aimed at improving governance efficiency, strengthening competition, promoting digital transformation, expanding public–private partnerships, and supporting sustainable regional socio-economic development [1, 2, 3, 9].

ANALYSIS AND RESULTS

Institutional constraints refer to limitations arising from the functioning of formal institutions, including laws, regulations, and legal frameworks, as well as informal institutions, such as social norms, traditions, and business culture, that regulate economic activity. In accordance with the principles of institutional economics, these factors significantly influence the effectiveness of economic development by shaping the overall institutional environment [1, 8].

The analysis indicates that the institutional environment of the service sector has considerable potential for further improvement in several key areas. These include the development of market infrastructure, enhancement of regulatory mechanisms, strengthening of cooperation between the public and private sectors, and expansion of institutional capacity to support innovation and investment. Similar areas for institutional development have also been identified in international studies focusing on service sector governance and regional competitiveness [4, 6] (Table 1).

Table 1. Major Institutional Challenges in Service Sector Management[1]

No.	Institutional Challenge	Description	Economic Impact	Proposed Solutions
1	Excessive Bureaucratic Barriers	Complex licensing procedures and excessive permit requirements for starting and operating businesses	Deterioration of the business environment and slower innovation	Simplify licensing procedures and expand the One-Stop Service system
2	Shortage of Qualified Human Resources	Insufficient knowledge and skills required for modern service industries	Low labor productivity and declining service quality	Modernize the education system and promote dual education programs
3	Low Level of Digitalization	Slow adoption of digital technologies and e-government services	Higher operating costs and lower efficiency	Develop digital infrastructure and expand e-services
4	High Share of the Informal Economy	A significant proportion of economic activities operating outside the formal sector	Reduced tax revenues and unfair market competition	Simplify the tax system and strengthen business formalization measures
5	Underdeveloped Public–Private Partnership (PPP) Mechanisms	Limited cooperation between the public and private sectors	Insufficient investment and limited service quality improvement	Promote PPP projects and strengthen the legal and institutional framework
6	Underdeveloped Infrastructure	Inadequate transport, financial, and logistics infrastructure	Regional disparities and limited access to services	Modernize regional infrastructure and attract investment

Table 1 summarizes the principal institutional challenges affecting service sector management and their economic implications. The findings indicate that administrative complexity, the need to strengthen qualified human resources, limited digitalization, the relatively high share of informal economic activity, underdeveloped public–private partnership (PPP) mechanisms, and insufficient infrastructure collectively constrain the efficiency and competitiveness of the service sector. Similar institutional factors have been widely discussed in the literature on institutional economics, competition policy, and regional development [1, 5, 6, 7, 8]. The table also presents policy measures that may contribute to strengthening institutional governance and supporting the sustainable development of the service sector [2, 3, 9].

Addressing these institutional development priorities requires a comprehensive approach that includes deepening institutional reforms, accelerating the transition to the digital economy, developing human capital, and modernizing regional infrastructure [5].

Based on the analysis of institutional challenges and development constraints in service sector management, a set of evidence-based policy recommendations was developed (Table 2).

Table 2. Evidence-Based Policy Recommendations for Reducing Institutional Challenges and Development Constraints in Service Sector Management[2]

No.	Strategic Area	Key Recommendations	Expected Outcomes	Theoretical Foundation
1	Liberalization of the Institutional Environment	• Optimize licensing and permit procedures using a risk-based approach. • Expand the One-Stop Service principle across all service sectors. • Review regulatory documents through a Regulatory Impact Assessment (RIA) mechanism.	Improved business environment and reduced transaction costs	New Institutional Economics (D. North; J. Robinson): Efficient institutions, lower transaction costs, and secure property rights promote economic growth.

1 Source: Developed by the author based on the research findings.
2 Source: Developed by the author based on the research findings.

2	Human Capital Development	• Align education with labor market requirements through a competency-based approach. • Expand dual education and vocational training for the service sector. • Introduce continuous professional development programs.	Higher labor productivity and improved service quality	Human Capital Theory (T. Schultz; G. Becker): Investment in education and skills enhances productivity, competitiveness, and long-term economic growth.
3	Digital Transformation	• Fully digitalize public services through e-government initiatives. • Develop digital platforms and ecosystems (fintech, e-commerce, cloud services). • Provide financial and institutional incentives to support SME digitalization.	Higher efficiency and lower operational costs	Digital Economy and Technological Paradigm Theory (M. Castells; E. Brynjolfsson & A. McAfee): Digital technologies increase productivity and transform economic systems.
4	Reducing the Informal Economy	• Simplify the tax system and optimize the tax burden to encourage business formalization. • Expand cashless payment systems to improve financial transparency. • Develop incentive mechanisms for formalizing informal employment.	Increased tax revenues and greater transparency	Theory of the Informal Economy (H. de Soto): Excessive regulation and high transaction costs encourage informal economic activities.
5	Strengthening Public–Private Partnership (PPP) Mechanisms	• Establish a stable legal and institutional framework for PPP projects. • Introduce effective risk-sharing and risk-management mechanisms. • Expand private sector participation in education, healthcare, and other public services.	Increased investment and improved service quality	Public–Private Partnership Theory (E. Engel, R. Fischer & A. Galetovic): Optimal risk allocation improves investment efficiency and public service delivery.
6	Regional Infrastructure Development	• Expand transport, financial, and logistics services in rural and remote areas. • Develop internet and communication infrastructure under the Digital Region concept. • Establish regional service clusters and service centers.	Reduced regional disparities	Regional Economics and Cluster Theory (A. Marshall; M. Porter): Infrastructure development and clustering enhance regional competitiveness.
7	Strengthening Market Competition	• Reinforce competition policy and reduce barriers to market entry. • Promote an open and transparent competitive environment in the service market. • Expand support mechanisms for start-ups and innovative enterprises.	Stronger competition and increased innovation	Competition and Innovation Theory (J. Schumpeter; M. Porter): Competition and creative destruction stimulate innovation and economic development.

From the perspective of institutional economics, transaction costs include not only direct financial expenditures but also the time required to complete transactions, information search costs, monitoring and enforcement costs, and risks associated with economic activity [5, 8].

Table 2 presents a comprehensive framework of policy recommendations aimed at improving the institutional governance of the service sector. The proposed measures are closely interconnected and are expected to generate synergistic effects that enhance service sector performance. In particular, strengthening the institutional environment, advancing digital governance, encouraging investment, and developing human capital are expected to improve service quality, increase competitiveness, and support sustainable economic growth [7, 9, 11, 12]. Furthermore, the implementation of these recommendations may contribute to employment generation, improved living standards, greater investment attractiveness, and higher socio-economic efficiency across the regions [1, 10, 11].

The proposed policy recommendations are expected to strengthen institutional governance and improve the overall performance of the service sector. First, the further liberalization of the institutional environment will facilitate market entry, stimulate entrepreneurship, and enhance competition, thereby improving service quality and promoting innovation. Simplified administrative procedures and regulatory reforms are also expected to reduce transaction costs and create a more favorable business environment [1, 5, 6, 8].

Second, investment in human capital will improve labor productivity and service quality by aligning education and training systems more closely with labor market needs. Strengthening professional competencies and promoting continuous skills development will contribute to the expansion of higher-value-added services, increased competitiveness, and broader employment opportunities.

Third, accelerating digital transformation will optimize service delivery processes, reduce operational costs, and improve management efficiency. The wider adoption of digital technologies and e-government services will also strengthen the international competitiveness of the service sector [9, 12].

Fourth, the gradual formalization of economic activity will enhance financial transparency, broaden the tax base, and contribute to the development of a fairer competitive environment. Fifth, strengthening public–private partnership (PPP) mechanisms will help attract additional investment and improve the quality and accessibility of public services [11]. Sixth, the development of regional infrastructure will expand access to essential services, narrow regional disparities, and support balanced territorial development [7]. Finally, promoting market competition will stimulate innovation, improve productivity, and encourage the expansion of high-value-added services [6, 7].

The implementation of these recommendations is expected to modernize the institutional framework of service sector management, enhance governance efficiency, and strengthen market mechanisms. As a result, transaction costs are likely to decrease, investment attractiveness may improve, and a more competitive and innovation-oriented service sector may emerge, thereby contributing to sustainable regional economic development [1, 5, 8, 9].

Table 2 presents an integrated framework of evidence-based policy recommendations for addressing the institutional challenges and development constraints affecting service sector management. The proposed measures combine institutional reform, human capital development, digital transformation, the formalization of economic activity, the expansion of public–private partnerships, infrastructure modernization, and the promotion of market competition. These recommendations are grounded in well-established theories of institutional economics and are expected to improve governance efficiency, reduce transaction costs, enhance service quality, strengthen competitiveness, and support sustainable regional economic development [1, 5, 7, 8].

CONCLUSION AND RECOMMENDATIONS

This study demonstrates that the effective development of the service sector depends on the consistent implementation of institutional reforms aimed at strengthening competition, improving the business environment, and enhancing market efficiency. Institutional liberalization facilitates administrative procedures, encourages the entry of new market participants, and promotes competitive activity, thereby improving the quality, accessibility, and diversity of services.

The findings indicate that stronger competition contributes to higher productivity, greater innovation, more efficient resource allocation, and improved consumer welfare. At the same time, the expansion of the service sector creates new employment opportunities, increases household incomes, supports entrepreneurship, and promotes inclusive economic growth. These outcomes confirm the strategic role of competitive service markets in ensuring sustainable socio-economic development.

The study also emphasizes that sustainable competition requires not only market liberalization but also an effective institutional framework. Transparent regulatory mechanisms, equal market access, digital transformation, effective competition policy, and support for small and medium-sized enterprises should be regarded as essential components of a modern institutional and market environment.

From a policy perspective, the proposed recommendations may serve as a practical basis for improving the institutional environment of the service sector, particularly in developing and transition economies. Their implementation can strengthen market competitiveness, enhance service quality, attract investment, and increase the resilience of the national economy.

Future research may focus on developing integrated econometric models to assess the quantitative effects of institutional reforms and the intensity of competition on service sector performance, regional economic development, employment generation, and poverty reduction.

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Proofreader: Xondamir Ismoilov

Layout and Designer: Hasan Maqsudov

2026. № 7

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