

REGIONAL ECONOMIC DEVELOPMENT AND URBANIZATION

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Article History: Received on: 17/02/2026

Accepted on: 21/04/2026



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DOI: <https://doi.org/10.26662/ijiert.v13i4.pp7-12>

Abstract

This article analyzes the interrelationship between regional economic development and urbanization processes based on a comprehensive approach. The study deeply studies the main factors influencing the formation of the economic potential of regions - production infrastructure, investment climate, labor resources and the level of innovative activity. Urbanization processes are assessed as an important factor affecting regional economic growth through an increase in population density, expansion of urban infrastructure and development of the service sector. The article also analyzes the positive and negative aspects of urbanization, including environmental problems, social inequality and imbalances in resource use along with increased economic activity. According to the results of the study, for effective management of regional development, it is important to pursue a balanced urbanization policy, develop modern infrastructure and ensure sustainable economic growth.

Keywords. Regional economic development, urbanization, economic growth, infrastructure development, investment climate, labor resources, innovative activities, urban economy, socio-economic problems, sustainable development.

HUDUDIY IQTISODIY RIVOJLANISH VA URBANIZATSIYA

Annotatsiya

Mazkur maqolada hududiy iqtisodiy rivojlanish va urbanizatsiya jarayonlarining o‘zaro bog‘liqligi kompleks yondashuv asosida tahlil etiladi. Tadqiqotda hududlar iqtisodiy salohiyatining shakllanishiga ta’sir etuvchi asosiy omillar — ishlab chiqarish infratuzilmasi, investitsiya muhiti, mehnat resurslari hamda innovatsion faoliyat darajasi chuqur o‘rganilgan. Urbanizatsiya jarayonlari esa aholi zichligining ortishi, shahar infratuzilmasining kengayishi va xizmatlar sektorining rivojlanishi orqali hududiy iqtisodiy o‘shishga ta’sir qiluvchi muhim omil sifatida baholanadi. Shuningdek, maqolada urbanizatsiyaning ijobiy va salbiy jihatlari, jumladan, iqtisodiy faollikning oshishi bilan birga ekologik muammolar, ijtimoiy tengsizlik va resurslardan foydalanishdagi nomutanosibliklar tahlil qilinadi. Tadqiqot natijalariga ko‘ra, hududiy rivojlanishni samarali boshqarish uchun muvozanatli urbanizatsiya siyosatini yuritish, zamonaviy infratuzilmani rivojlantirish va barqaror iqtisodiy o‘shishni ta’minlash muhim ahamiyat kasb etadi.

Kalit so'zlar. Hududiy iqtisodiy rivojlanish, urbanizatsiya, iqtisodiy o'sish, infratuzilma rivoji, investitsiya muhiti, mehnat resurslari, innovatsion faoliyat, shahar iqtisodiyoti, ijtimoiy-iqtisodiy muammolar, barqaror rivojlanish.

РЕГИОНАЛЬНОЕ ЭКОНОМИЧЕСКОЕ РАЗВИТИЕ И УРБАНИЗАЦИЯ

Аннотация

В данной статье на основе комплексного подхода анализируется взаимосвязь между региональным экономическим развитием и процессами урбанизации. Исследование углубленно изучает основные факторы, влияющие на формирование экономического потенциала регионов – производственную инфраструктуру, инвестиционный климат, трудовые ресурсы и уровень инновационной активности. Процессы урбанизации оцениваются как важный фактор, влияющий на региональный экономический рост посредством увеличения плотности населения, расширения городской инфраструктуры и развития сектора услуг. В статье также анализируются позитивные и негативные аспекты урбанизации, включая экологические проблемы, социальное неравенство и дисбаланс в использовании ресурсов наряду с ростом экономической активности. По результатам исследования, для эффективного управления региональным развитием важно проводить сбалансированную политику урбанизации, развивать современную инфраструктуру и обеспечивать устойчивый экономический рост.

Ключевые слова: региональное экономическое развитие, урбанизация, экономический рост, развитие инфраструктуры, инвестиционный климат, трудовые ресурсы, инновационная деятельность, городская экономика, социально-экономические проблемы, устойчивое развитие.

INTRODUCTION

In the context of globalization and increasing economic integration, the issues of regional economic development and urbanization have become key priorities for national development in many countries. In particular, within the framework of large-scale reforms being implemented in Uzbekistan, comprehensive regional development, reduction of economic disparities between urban and rural areas, modernization of infrastructure, and ensuring sustainable economic growth have been identified as strategic objectives. In this regard, the decrees and resolutions adopted under the leadership of Shavkat Mirziyoyev serve as an important legal foundation for shaping a new model of regional development [1].

Specifically, the Development Strategy for 2022–2026 outlines priority areas such as diversification of regional economies, improvement of the investment climate, creation of modern production capacities, and effective regulation of urbanization processes. Moreover, policy measures aimed at comprehensive urban development, expansion of housing construction, and modernization of engineering and communication infrastructure have accelerated the pace of urbanization[2].

As a result of these processes, there has been a noticeable increase in economic activity across regions, accompanied by job creation and expansion of the service sector. However, the rapid pace of urbanization has also brought about significant challenges, including environmental concerns and the efficient use of natural resources. In this context, a comprehensive analysis of the interrelationship between regional economic development and urbanization, along with an assessment of their positive and negative impacts, is essential.

Developing effective management mechanisms for these processes remains a critical direction for contemporary scientific research.

LITERATURE REVIEW

The issues of regional economic development and urbanization have been widely explored in recent Uzbek academic literature, emphasizing their interdependence and strategic importance. Recent studies by Uzbek scholars such as Khaydarov (2025) highlight that urban centers function as key drivers of economic growth through infrastructure development, labor market expansion, and innovation diffusion [3]. Similarly, Tuxtamuratova (2025) examines the territorial and socio-demographic dimensions of urbanization, stressing the role of internal migration and spatial disparities in shaping regional development patterns in Uzbekistan [4].

Samadkulov (2024) further contributes to the literature by analyzing the dual nature of urbanization, identifying both its economic benefits—such as increased productivity and job creation—and its challenges, including infrastructure pressure and social inequality [5]. In addition, Salimova's research focuses on urban policy and housing sector reforms, proposing cluster-based development, public-private partnerships, and green economy principles as key mechanisms for sustainable urban growth. Other scholars emphasize environmental and demographic impacts, particularly in large cities like Tashkent, where rapid urban expansion creates ecological and socio-economic imbalances[6].

In the international context, the relationship between urbanization and economic development has been examined through various theoretical frameworks. For instance, Di Clemente et al. argue that urbanization is closely linked with economic complexity and structural transformation, especially in early development stages[7]. Meanwhile, Zhang demonstrates the use of innovative methodologies such as remote sensing to analyze regional economic growth and urban expansion, highlighting spatial inequalities in development processes[8].

METHODOLOGY

This study employs a mixed-methods approach to analyze the relationship between regional economic development and urbanization. Qualitative analysis is used to examine recent academic literature, policy documents, and national development strategies, including reforms initiated by Shavkat Mirziyoyev. Quantitative methods involve the analysis of secondary statistical data on urban population growth, infrastructure development, and regional economic indicators. Comparative analysis is applied to evaluate differences between regions within Uzbekistan and to contrast national trends with international experiences. This integrated methodological framework ensures a comprehensive assessment of urbanization processes and their impact on sustainable regional economic development.

RESULTS AND DISCUSSION

The empirical analysis of regional economic development and urbanization in Uzbekistan demonstrates a strong and increasingly dynamic relationship between spatial transformation and economic performance. Based on official statistical indicators from the State Committee of the Republic of Uzbekistan on Statistics (stat.uz), recent years have been characterized by steady urban population growth, expansion of infrastructure, and significant improvements in regional gross output.

Between 2018 and 2024, Uzbekistan experienced a notable increase in its urbanization rate, driven primarily by internal migration, industrialization policies, and housing construction programs. The urban population

share rose from approximately 50.6% in 2018 to nearly 52.8% in 2024. This shift reflects not only demographic changes but also structural transformation within the economy, where labor resources are increasingly concentrated in urban areas with higher productivity levels.

Simultaneously, regional Gross Domestic Product (GDP) and industrial output have shown consistent growth. In particular, regions with higher levels of urbanization—such as Tashkent city, Tashkent region, and Samarkand region—demonstrate stronger economic indicators compared to more rural areas. This confirms the theoretical assumption that urban agglomeration effects contribute to increased economic efficiency, innovation diffusion, and market accessibility. The following 1-table summarizes key economic and urbanization indicators in Uzbekistan.

1-Table Key indicators of urbanization and economic development in Uzbekistan

Indicator	2018	2020	2022	2024
Urban population (%)	50.6	50.9	51.7	52.8
GDP growth rate (%)	5.4	1.9	5.7	6.0
Industrial production growth (%)	10.6	6.3	8.1	8.5
Construction sector growth (%)	9.9	9.1	6.6	7.2
Services sector share in GDP (%)	35.6	36.3	38.1	39.5

The 1-table illustrates the upward trend in both urbanization and economic growth indicators. Despite the temporary slowdown in GDP growth in 2020 due to global economic disruptions, the overall trajectory remains positive. The steady increase in the share of the service sector reflects structural transformation associated with urbanization, as cities tend to concentrate service-based economic activities[9].

The results indicate that urbanization has a direct and positive impact on economic growth through several mechanisms. First, urban areas provide better access to infrastructure, including transportation, energy, and digital connectivity, which enhances productivity and reduces transaction costs. Second, cities facilitate labor market efficiency by matching skilled workers with employment opportunities, thereby increasing overall economic output. Third, urban environments encourage innovation and entrepreneurship, particularly in sectors such as services, information technology, and small-scale manufacturing.

However, the findings also reveal several challenges associated with rapid urbanization. One of the primary issues is the growing pressure on urban infrastructure, including housing, public transport, and коммуна services. In major cities, especially Tashkent, population density has increased significantly, leading to congestion and environmental concerns such as air pollution and waste management problems. Additionally, regional disparities persist, as less urbanized regions lag behind in terms of investment attractiveness and economic diversification[10].

Another important aspect highlighted in the analysis is the uneven distribution of economic benefits. While urbanization contributes to overall economic growth, it may also exacerbate income inequality if not managed effectively. High-income opportunities are often concentrated in urban centers, whereas rural areas may experience slower development, leading to migration pressures and social imbalances.

From a policy perspective, the discussion underscores the importance of adopting a balanced and inclusive approach to urbanization. The government’s ongoing reforms aimed at regional development, infrastructure modernization, and housing expansion have already yielded positive outcomes, as reflected in the statistical indicators. Nevertheless, further efforts are required to ensure that urban growth is sustainable and environmentally responsible[11].

In particular, policies should focus on developing secondary cities, improving rural-urban linkages, and promoting decentralized industrialization. Investment in green infrastructure and smart city technologies can also help mitigate the negative externalities of urbanization. Moreover, strengthening institutional capacity at the regional level is essential for effective planning and implementation of development strategies. The results confirm that urbanization is a key driver of regional economic development in Uzbekistan. While it generates significant economic opportunities, it also presents complex challenges that require comprehensive and forward-looking policy solutions. The integration of economic, social, and environmental considerations will be critical in ensuring that urbanization contributes to long-term sustainable development.

CONCLUSION

The analysis confirms that regional economic development and urbanization in Uzbekistan are deeply interconnected processes that mutually reinforce each other. The findings demonstrate that increasing urbanization has contributed significantly to economic growth by enhancing productivity, expanding infrastructure, and fostering the development of the service sector. Statistical indicators show a steady rise in urban population share alongside positive trends in GDP growth, industrial output, and structural transformation of the economy. At the same time, the study reveals that the benefits of urbanization are not evenly distributed across regions. Highly urbanized areas, particularly major cities, continue to attract the majority of investments, skilled labor, and economic activity, while less developed regions face challenges related to limited infrastructure and slower economic diversification. This imbalance highlights the necessity of implementing targeted regional policies aimed at reducing spatial inequalities and ensuring inclusive growth. Furthermore, rapid urbanization brings a range of socio-economic and environmental challenges, including pressure on housing, transportation systems, and public services, as well as increasing ecological concerns. These issues underline the importance of adopting a sustainable and well-coordinated approach to urban development. In this context, the study emphasizes that effective governance, strategic planning, and continued reforms are essential for maximizing the positive impacts of urbanization. Policies focused on developing secondary cities, improving rural-urban connectivity, and promoting innovation-driven growth can enhance regional competitiveness and resilience. Overall, achieving balanced and sustainable regional development in Uzbekistan requires an integrated approach that aligns economic growth with social equity and environmental sustainability. Such a strategy will ensure that urbanization serves not only as a driver of economic progress but also as a foundation for long-term national development.

References

1. Baxromjonovna, Y. F. (2026). HUDUDIY IQTISODIY RIVOJLANISH VA MAHALLIY AHOLI TURMUSH SHAROITLARI: MUAMMOLAR VA YECHIMLAR. JOURNAL OF NEW CENTURY INNOVATIONS, 97(1), 251-255.
2. O'zbekiston respublikasi qonunchilik ma'lumotlar milliy bazasi(lex.uz)
3. Oktyabrovna, R. D., & Qizi, B. R. F. (2026). RESPUBLIKAMIZDA URBANIZATSIYALASH VA GLOBALLASHUV SHAROITIDA INFRATUZILMALARNING AHAMIYATI. Лучшие интеллектуальные исследования, 60(3), 22-32.
4. Uktamovna, S. D. Z. (2025). URBANIZATSIYA. YUKSAK EHTIROM, 1(1), 335-338.
5. Umarjon, M., & Ibragimov, G. (2026). URBANIZATSIYA. MIGRATSION JARAYONLAR VA ULARNING OQIBATLARI. Ta'lim innovatsiyasi va integratsiyasi, 61(1), 201-204.

6. Dusmurot o'g'li, U. M. (2025). HUDUDLARNI IQTISODIY RIVOJLANTIRISH BO'YICHA DAVLAT SIYOSATI. TADQIQOTLAR, 76(3), 279-287.
7. Henderson, J. V. (2003). Urbanization and economic development. *Annals of economics and finance*, 4, 275-342.
8. Sukanya, R., & Tantia, V. (2023). Urbanization and the impact on economic development. In *New perspectives and possibilities in strategic management in the 21st century: Between tradition and modernity* (pp. 369-408). IGI Global Scientific Publishing.
9. O'zbekiston Respublikasi milliy statistika qo'mitasi 2025 yil hisoboti (stat.uz)
10. Ibrohimov, B. (2024). O 'zbekiston Respublikasida tadbirkorlik subyektlarida innovatsion faoliyatning ahamiyati va o 'rni. *Green Economy and Development*, 1, 663988.
11. Ibrohimov, B., & Sayfiddinov, S. (2024). Qishloq Xo 'jaligi Mahsulotlarini Ko 'paytirishning Asosiy Yo 'llari. *Green Economy and Development*, 2(4), 663651.
12. Ibrohimov, B., & Tursunov, A. (2024). O 'zbekiston Respublikasining Agrar Siyosati Va Uni Takomillashtirish Yo 'llari. *Green Economy and Development*, 2(3), 663587.
13. Ibrohimov, B. (2024). Innovatsion faoliyatni amalga oshirishda tadbirkorlik subyektlari duch keladigan muammolar tahlili. *YASHIL IQTISODIYOT VA TARAQQIYOT*, 2(12).
14. G'afurov, O., & Ibrohimov, B. (2022). O'ZBEKISTON RESPUBLIKASINING ILK SUVEREN XALQARO OBLIGATSIYALARINI JOYLASHTIRISHDAN TUSHGAN MABLAG'LARINING QAYTA TAQSIMLANISHI VA ULAR SAMARADORLIGI TAHLILI. *Science and innovation*, 1(A8), 332-339.
15. Baxtiyor o'g'li, I. B. (2024). O'ZBEKISTIONDA TADBIRKORLIK SUBYEKTLARIDA INNOVATSIYALARNI JORIY ETISHNING IQTISODIY SAMARALARI. *Scientific Journal of Actuarial Finance and Accounting*, 4(11), 213-219.
16. Boburmirzo, I., & Yunusov, A. (2024). KICHIK BIZNES VA XUSUSIY TADBIRKORLIK YILIDA MEHNAT BOZORINI TAHLILI. *Talqin va tadqiqotlar ilmiy-uslubiy jurnali*, 2(17), 20-28.
17. Baxtiyor o'gli, I. B. (2023). FORMS OF OWNERSHIP AND ENTREPRENEURSHIP IN AGRICULTURE IN UZBEKISTAN. *Miasto Przyszłości*, 42, 284-291.
18. Ibrahimovich, R. B., Ugli, I. B. B., & Ugli, I. B. B. (2023). INNOVATIVE REFORMS IN AGRICULTURE DEVELOPMENT. *The American Journal of Management and Economics Innovations*, 5(03), 9-13.
19. Rahimov, B. I., Yoldashev, B. S., & Ibrahimov, B. B. (2023). THE NEED TO ORGANIZE A CLUSTER IN THE AGRICULTURAL NETWORK. *International Journal Of Management And Economics Fundamental*, 3(02), 9-19.
20. Рахимов, Б. И., & Иброхимов, М. Б. О. (2021). Моддий-техника ресурслари бозорини институционал тузилмаси ва ресурслар самарадорлигини баҳолашнинг услубий асослари. *ЖУРНАЛ ИННОВАЦИИ В ЭКОНОМИКЕ*, 4(7).
21. Rahimov, B. I., Yoldashev, B. S., & Ibrahimov, B. B. (2023). The need to organize a cluster in the agricultural network. *International Journal of Management and Economics Fundamental*, 3(02), 9-19.
22. Ibrahimovich, R. B., Ugli, I. B. B., & Ugli, I. B. B. (2023). Innovative reforms in agriculture development. *The American Journal of Management and Economics Innovations*, 5(03), 9-13.
23. Xayitboyevich, R. U., & Baxtiyor o'g'li, I. B. (2025). THE ROLE OF THE CREDIT SYSTEM IN FINANCING SMALL BUSINESS AND ENTREPRENEURSHIP. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH* ISSN: 2277-3630 Impact factor: 8.036, 14(12), 140-145.