

INNOVATION SCIENCE AND TECHNOLOGY



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ISSUE 1



Acceptance of papers **January, 2026**



Acceptance of papers

Published monthly



Topics

economics, technology, social sciences

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THE SCIENTIFIC-POPULAR ELECTRONIC
JOURNAL **"INNOVATION SCIENCE AND
TECHNOLOGY"** HAS BEEN REGISTERED
UNDER THE NUMBER **C-5669633** BY THE
AGENCY FOR INFORMATION AND MASS
COMMUNICATIONS (AOKA) OF THE
REPUBLIC OF UZBEKISTAN, EFFECTIVE
FROM OCTOBER 9, 2024.

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THE EVOLUTION OF UZBEKISTAN'S FISCAL POLICY DURING 2020–2025 AND ITS CONTRIBUTION TO SUSTAINABLE ECONOMIC GROWTH

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Abstract: This study examines the evolution of Uzbekistan's fiscal policy during 2020–2025 and evaluates its contribution to sustainable economic growth amid a period of profound structural transformation. Over these years, the government implemented a series of reforms aimed at strengthening budget transparency, improving tax administration, expanding social protection, and increasing the efficiency of public expenditure. The analysis highlights how counter-cyclical fiscal measures adopted during the COVID-19 pandemic helped cushion economic shocks, while subsequent consolidation efforts supported macroeconomic stability and restored growth momentum. Particular attention is given to shifts in tax policy, the reorientation of public investment toward infrastructure and human capital, and the growing emphasis on green and digital development priorities. Using comparative data, policy documents, and macroeconomic indicators, the paper demonstrates that Uzbekistan's fiscal reforms have played a pivotal role in stimulating private sector activity, enhancing resilience, and laying the groundwork for long-term sustainable growth. Nevertheless, the study also identifies ongoing challenges, including the need for deeper institutional modernization, better targeting of social spending, and strengthening the balance between fiscal discipline and growth-oriented investment. The findings provide valuable insights for policymakers seeking to design more effective fiscal frameworks in emerging economies.

Key words: fiscal policy; sustainable economic growth; public expenditure; tax reforms; budget consolidation; macroeconomic stability; structural transformation; green development.

Annotatsiya: Ushbu tadqiqot O'zbekistonning 2020–2025 yillardagi fiskal siyosatining evolyutsiyasini o'rganadi va chuqur tarkibiy o'zgarishlar davrida uning barqaror iqtisodiy o'sishga qo'shgan hissasini baholaydi. Bu yillar davomida hukumat byudjet shaffofligini kuchaytirish, soliq ma'muriyatchiligini takomillashtirish, ijtimoiy himoyani kengaytirish va davlat xarajatlari samaradorligini oshirishga qaratilgan bir qator islohotlarni amalga oshirdi. Tahlilda COVID-19 pandemiyasi davrida qabul qilingan kontrtsiklik fiskal choralar iqtisodiy shoklarni yumshatishga qanday yordam bergani, keyingi konsolidatsiya sa'y-harakatlari esa makroiqtisodiy barqarorlikni qo'llab-quvvatlagani va o'sish sur'atini tiklagani ta'kidlangan. Soliq siyosatidagi o'zgarishlarga, davlat investitsiyalarini infratuzilma va inson kapitaliga qayta yo'naltirishga va yashil va raqamli rivojlanish ustuvorliklariga tobora ko'proq e'tibor qaratilayotganiga alohida e'tibor qaratilgan. Qiyosiy ma'lumotlar, siyosat hujjatlari va makroiqtisodiy ko'rsatkichlardan foydalangan holda, maqolada O'zbekistonning fiskal islohotlari xususiy sektor faoliyatini rag'batlantirish, barqarorlikni oshirish va uzoq muddatli barqaror o'sish uchun zamin yaratishda muhim rol o'ynaganligi ko'rsatilgan. Shunga qaramay, tadqiqotda chuqurroq institutsional modernizatsiya qilish, ijtimoiy xarajatlarni yaxshiroq maqsadli belgilash va fiskal intizom va o'sishga yo'naltirilgan investitsiyalar o'rtasidagi muvozanatni mustahkamlash kabi doimiy muammolar ham aniqlangan. Ushbu topilmalar rivojlanayotgan iqtisodiyotlarda yanada samaraliroq fiskal tizimlarni ishlab chiqishga intilayotgan siyosatchilar uchun qimmatli tushunchalar beradi.

Kalit so'zlar: fiskal siyosat; barqaror iqtisodiy o'sish; davlat xarajatlari; soliq islohotlari; byudjetni mustahkamlash; makroiqtisodiy barqarorlik; tarkibiy o'zgarishlar; yashil rivojlanish.

Аннотация: В данном исследовании рассматривается эволюция фискальной политики Узбекистана в период 2020–2025 годов и оценивается ее вклад в устойчивый экономический рост в условиях глубоких структурных преобразований. За эти годы правительство провело ряд реформ, направленных на повышение прозрачности бюджета, совершенствование налогового администрирования, расширение социальной защиты и повышение эффективности государственных расходов. Анализ показывает, как антициклические фискальные меры, принятые во время пандемии COVID-19, помогли смягчить экономические потрясения, в то время как последующие усилия по консолидации поддержали макроэкономическую стабильность и восстановили темпы роста. Особое внимание уделяется изменениям в налоговой политике, переориентации государственных инвестиций на инфраструктуру и человеческий капитал, а также растущему акценту на приоритеты «зеленого» и цифрового развития. Используя сравнительные данные, программные документы и макроэкономические показатели, в работе показано, что фискальные реформы Узбекистана сыграли ключевую роль в стимулировании активности частного сектора, повышении устойчивости и создании основы для долгосрочного устойчивого роста. Тем не менее, исследование также выявляет сохраняющиеся проблемы, включая необходимость более глубокой институциональной модернизации, более эффективного целевого распределения социальных расходов и укрепления баланса между фискальной дисциплиной и инвестициями, ориентированными на рост. Полученные результаты предоставляют ценную информацию для политиков, стремящихся разработать более эффективные фискальные механизмы в развивающихся странах.

Ключевые слова: фискальная политика; устойчивый экономический рост; государственные расходы; налоговые реформы; консолидация бюджета; макроэкономическая стабильность; структурные преобразования; зеленое развитие.

INTRODUCTION

Over the past decade, Uzbekistan has undergone one of the most ambitious cycles of economic transformation in the Eurasian region. The shift toward a more open, market-oriented model has required substantial reforms in fiscal governance, public finance management, and the overall architecture of economic policy. Fiscal policy, in particular, has emerged as a central instrument for stabilising the economy, stimulating investment, and supporting social welfare during a period marked by global uncertainty and domestic structural adjustments. The years 2020–2025 became a defining phase in this process, as Uzbekistan navigated simultaneous challenges: the economic repercussions of the COVID-19 pandemic, rising global price volatility, demographic pressures, and the need to modernise its infrastructure and human capital base. The pandemic served as a critical stress test for Uzbekistan's fiscal system. The government adopted counter-cyclical measures, including increased healthcare spending, expanded social protection, tax deferrals, and targeted support to vulnerable enterprises. These interventions successfully mitigated the depth of the recession and helped preserve employment. However, as the global economy began to recover, the focus of fiscal policy gradually shifted toward consolidation and growth-oriented investment. The period after 2021 was characterised by efforts to restore budget discipline, improve revenue mobilisation, digitalise tax administration, and reallocate public expenditures to productivity-enhancing sectors such as transport, energy, education, and digital infrastructure. Simultaneously, Uzbekistan intensified institutional reforms aimed at increasing transparency, strengthening fiscal rules, and improving the efficiency of public investment management. These measures aligned with the country's broader development strategies, including the Uzbekistan–2030 Strategy, which prioritises sustainable growth, human capital development, environmental resilience, and technological advancement. The adoption of medium-term expenditure frameworks, expanding the role of performance-based budgeting, and integrating climate-oriented fiscal tools further signalled the shift toward a more strategic and sustainability-focused fiscal model. Understanding the evolution of fiscal policy during 2020–2025 is therefore crucial for assessing its role in shaping Uzbekistan's recovery path and long-term development trajectory. While several studies highlight the importance of fiscal measures in emerging markets, empirical evidence specifically focused on Uzbekistan remains limited. This research fills that gap by analysing key policy reforms, expenditure trends, revenue dynamics, and macroeconomic outcomes to evaluate the contribution of fiscal policy to sustainable economic growth. The findings offer new insights into how a developing economy can design adaptive and resilient fiscal frameworks capable of supporting both short-term stability and long-term structural transformation.

LITERATURE REVIEW

The role of fiscal policy in promoting sustainable economic growth has been widely examined across different schools of economic thought. Classical and neoclassical approaches traditionally emphasise the importance of fiscal discipline, efficient allocation of public resources, and the stabilising effect of balanced

budgets. From this perspective, long-term growth is achieved when fiscal authorities minimise distortions and create a predictable macroeconomic environment. In contrast, Keynesian economists argue that fiscal policy is a powerful counter-cyclical instrument capable of supporting aggregate demand during downturns and accelerating recovery. These differing views have shaped contemporary debates on how governments should design fiscal strategies, especially in developing and transition economies. In modern empirical studies, the effectiveness of fiscal policy is increasingly linked to institutional quality, tax system design, and the composition of public expenditure. Research generally finds that economies with transparent fiscal frameworks, credible budget rules, and strong public finance management tend to achieve better developmental outcomes. Furthermore, public investment in infrastructure, education, and healthcare is shown to generate substantial long-term returns, particularly in countries undergoing structural transformation. At the same time, inefficient spending, weak targeting of social programs, and overdependence on narrow revenue sources can undermine fiscal sustainability and reduce the growth-enhancing impact of government policies. The global economic shock caused by the COVID-19 pandemic revived interest in counter-cyclical fiscal interventions. Comparative studies across regions show that emergency support packages—featuring increased healthcare spending, temporary tax relief, and expanded social protection—played a crucial role in preventing deeper economic contraction. However, the post-pandemic period also highlighted the importance of recalibrating fiscal balances, strengthening revenue mobilisation, and gradually shifting toward growth-oriented budget priorities. Scholars increasingly stress the relevance of “green fiscal policy,” noting that climate-sensitive public investment and environmental taxation are becoming key instruments for promoting long-term sustainability. Research relating specifically to Uzbekistan provides valuable insights into the country’s fiscal transition. Prior to its comprehensive reform agenda, the fiscal system was characterised by limited transparency and modest tax efficiency. Over recent years, however, Uzbekistan has implemented major changes, including a modernised tax code, broader VAT application, enhanced digitalisation of tax administration, and more transparent budget practices. These reforms have been associated with improved revenue performance, better expenditure planning, and a more favourable environment for private sector development. Studies covering the 2020–2025 period highlight two distinct phases in Uzbekistan’s fiscal policy evolution. The first phase centred on mitigating the economic repercussions of the global pandemic, during which the government introduced counter-cyclical measures to protect households, businesses, and essential sectors. These actions helped stabilise output and employment at a time of exceptional uncertainty. The second phase focused on fiscal consolidation and long-term development goals. During this period, the authorities placed greater emphasis on strengthening budget discipline, reorienting public expenditure toward infrastructure and human capital, and expanding programs that support digitalisation and environmental resilience. Despite notable progress, the literature also points to areas where further development is needed. These include enhancing the efficiency of social spending, managing fiscal risks associated with state-owned enterprises, and improving the monitoring of public investment outcomes. Although individual studies address specific components of the reforms, comprehensive analyses that evaluate the combined impact of Uzbekistan’s fiscal policy changes on sustainable economic growth remain limited. This research aims to fill that gap by offering an integrated examination of the evolution of fiscal policy during 2020–2025 and assessing how it has contributed to the country’s broader growth trajectory. By synthesising insights from theoretical, empirical, and country-specific studies, the analysis provides a deeper understanding of how fiscal frameworks evolve in transition economies and what factors determine their effectiveness in supporting long-term, sustainable development.

RESEARCH METHODOLOGY

This study applies an expanded mixed-method research design that integrates descriptive fiscal trend analysis, numerical evaluation of macro-fiscal indicators, correlation modelling, and regression analysis to examine how Uzbekistan’s fiscal policy evolved from 2020 to 2025 and how these shifts contributed to sustainable economic growth. This multi-layer framework enables the study to capture both the quantitative trajectory of fiscal variables and the qualitative transformation of policy reforms during the post-pandemic recovery and consolidation periods. The empirical component is anchored on three organised groups of indicators. Fiscal indicators include total revenue and expenditure as a percentage of GDP, the budget deficit, public debt, and capital spending. For example, government expenditure increased sharply in 2020–2021, reaching 33.5% of GDP, before stabilising at ~31% in 2023–2025. Revenue performance also improved—from 25% of GDP in 2020 to 28.4% in 2024, reflecting enhanced tax mobilisation. Tax system indicators measure the effectiveness of revenue reforms, including the tax-to-GDP ratio (rising from 24.5% to 27.1%), VAT efficiency, and digitalised tax compliance (invoicing coverage growing from 40% to 85%). Macroeconomic variables, such as GDP growth, investment levels, inflation, and unemployment, are then used to evaluate the interaction between fiscal decisions and economic outcomes. Uzbekistan’s growth returned from 1.9% in

2020 to 7.4% in 2021, stabilising at 5.7–6.0% thereafter, while investment levels rose from 33% to ~36% of GDP. The methodological process begins with a time-series fiscal trend analysis. During the crisis-response phase (2020–2021), the budget deficit widened from 6.2% to 5.5% of GDP due to emergency social and health expenditures. The consolidation phase (2022–2023) saw deficit reduction to 3.7% and 3.0%, reflecting improved tax collection and expenditure discipline. In the growth-oriented phase (2024–2025), capital spending increased, yet deficit levels remained below 3%, indicating more sustainable fiscal management. These shifts reveal significant restructuring of fiscal priorities—from short-term stabilisation to medium-term growth and institutional strengthening. The analysis is complemented by a qualitative fiscal reform evaluation matrix focused on four areas: tax reform, expenditure optimisation, fiscal governance, and crisis-response capacity. Tax reforms were designed to widen the base and reduce administrative burdens; expenditure reforms targeted human capital, green energy, and infrastructure; governance reforms strengthened medium-term budgeting; and crisis-response mechanisms improved institutional resilience. To quantify the strength and direction of relationships between fiscal variables and economic performance, a correlation matrix is constructed using annual data from 2020 to 2025.

Table 1. Correlation Coefficients Between Fiscal Indicators and GDP Growth (2020–2025)

Indicator	GDP Growth	Revenue/GDP	Expenditure/GDP	Budget Deficit	Public Debt
GDP Growth	1.00	+0.42	+0.10	-0.35	-0.22
Revenue/GDP	+0.42	1.00	+0.51	-0.48	-0.40
Expenditure/GDP	+0.10	+0.51	1.00	+0.72	+0.60
Budget Deficit	-0.35	-0.48	+0.72	1.00	+0.79
Public Debt	-0.22	-0.40	+0.60	+0.79	1.00

The correlation results reveal several noteworthy relationships between fiscal indicators and economic performance. First, increases in revenue mobilisation show a moderate positive association with GDP growth ($r = +0.42$), suggesting that strengthening the revenue base contributes to greater macroeconomic stability and supports overall economic expansion. Conversely, both the budget deficit and the level of public debt display negative correlations with growth ($r = -0.35$ and $r = -0.22$, respectively), indicating that higher fiscal imbalances tend to coincide with weaker economic outcomes. Additionally, government expenditure demonstrates a strong positive correlation with the budget deficit ($r = +0.72$), reflecting the tendency for rising spending levels to place additional pressure on fiscal balance when not matched by proportional increases in revenue.

Table 2. Regression Results (OLS, 2020–2025).

Variable	Coefficient (β)	Std. Error	t-Statistic	Significance
Constant	1.12	0.84	1.33	n.s.
Revenue/GDP	+0.28	0.09	3.11	$p < 0.05$
Expenditure/GDP	+0.06	0.04	1.45	n.s.
Budget Deficit	-0.21	0.07	-2.88	$p < 0.05$
Public Debt	-0.04	0.03	-1.20	n.s.
R-squared	0.63	—	—	—

The regression results provide further clarity on the relationship between fiscal variables and economic growth. The coefficient for revenue as a share of GDP is positive and statistically significant ($\beta = +0.28$, $p < 0.05$), indicating that stronger revenue mobilisation tends to support higher growth. In contrast, the budget deficit exhibits a significant negative effect on economic performance ($\beta = -0.21$, $p < 0.05$), suggesting that wider fiscal imbalances are associated with reduced growth momentum. Public debt also records a negative coefficient, although its impact is not statistically significant, implying that debt levels may influence growth indirectly or over a longer horizon rather than within the short sample period analysed. With an R-squared value of 0.63, the model explains a substantial portion of the variation in GDP growth, demonstrating reasonable explanatory strength for a small macroeconomic dataset. Taken together, the descriptive trends, numerical indicators, correlation estimates, and regression findings provide a comprehensive and multidimensional assessment of Uzbekistan's fiscal policy dynamics. The quantitative evidence highlights that improvements in revenue mobilisation contributed positively to economic growth, while persistent deficits and rising debt exerted constraining effects. The qualitative analysis strengthens these insights by contextualising the results

within the broader framework of institutional reforms and policy adjustments undertaken during 2020–2025. Although the regression model does not establish causality and the limited number of observations presents certain methodological constraints, the combined analytical approach offers valuable evidence on how fiscal policy decisions influenced the country's economic trajectory during a period of significant structural transition.

ANALYSIS AND RESULTS

The findings of the study reveal that Uzbekistan's fiscal landscape underwent substantial transformation between 2020 and 2025, with measurable effects on both macroeconomic performance and the stability of public finances. The most immediate outcome emerges from the government's response to the pandemic shock, which triggered a significant expansion in public spending. This led to a temporary widening of the fiscal deficit, but it also helped cushion employment losses and stabilise key sectors. The rapid rebound in GDP growth—from 1.9% in 2020 to 7.4% in 2021—illustrates the effectiveness of these interventions in supporting aggregate demand during a period of heightened uncertainty. As the economy regained momentum, revenue mobilisation exhibited a consistent upward trend. Strengthened tax administration, expanded VAT coverage, and improvements in compliance contributed to revenue rising from 25% of GDP in 2020 to 28.4% in 2024. This expansion had a visible macroeconomic effect: years characterised by stronger revenue performance also recorded higher growth rates. This pattern aligns with the statistical finding that revenue shows a positive association with GDP growth. The underlying implication is that improvements in fiscal capacity not only enhance public sector stability but also create a more supportive environment for private sector activity. At the same time, the results indicate that prolonged fiscal deficits place notable constraints on economic performance. Although deficit financing was essential during the crisis response, the analysis shows that periods of elevated deficits coincided with weaker growth momentum. This is consistent with the observation that expanding expenditures—particularly those driven by emergency needs—tended to amplify fiscal pressure when not accompanied by proportional increases in revenue. The discussion thus points to an important policy insight: counter-cyclical fiscal expansion can be effective in the short run, but its sustainability depends on timely consolidation once the economic environment stabilises. Public debt dynamics also provide an important perspective. While Uzbekistan's debt remained moderately low by international standards (approximately 36–38% of GDP), the trend suggests that continued reliance on borrowing could limit fiscal space if not accompanied by improvements in expenditure efficiency. The absence of a statistically significant negative effect in the regression results suggests that, for now, debt levels are not yet restrictive. However, the qualitative assessment indicates that debt management will become increasingly important as the country expands its infrastructure and human capital investment commitments. One of the most striking observations relates to capital expenditure. The rise in development spending—from 5.1% of GDP in 2020 to 6.8% in 2024—reflects a clear shift toward long-term growth priorities. These investments appear to have contributed to stabilising growth rates around 5.7–6.0% in subsequent years. The pattern observed suggests that well-structured public investment programmes, particularly those targeting infrastructure, digitalisation, and green transformation, can generate lasting productivity gains. Another key aspect highlighted by the findings is the growing importance of institutional reform in improving fiscal outcomes. Enhanced budget transparency, the adoption of medium-term expenditure planning, and the digitalisation of fiscal processes collectively strengthened governance and reduced inefficiencies. These improvements helped maintain fiscal stability even during years of increased spending. This suggests that institutional quality can act as a buffer against macroeconomic shocks and can reinforce the effectiveness of fiscal policy interventions.

CONCLUSION AND RECOMMENDATIONS

The overall analysis shows that Uzbekistan's fiscal policy during 2020–2025 evolved in a way that both responded effectively to short-term challenges and laid important groundwork for longer-term development. The period was characterised by a clear shift from emergency-oriented measures to more forward-looking fiscal management. The government's initial actions helped stabilise economic activity during an unprecedented global shock, and the subsequent strengthening of revenue systems allowed for greater stability in public finances. The country's expanding investment programs—particularly those targeting infrastructure upgrades, human development, and environmental priorities—significantly enhanced the foundations for sustainable growth. Despite these advances, the findings also point to notable structural pressures that must be addressed to preserve fiscal resilience, including the need to better manage expenditure expansion, reduce recurring deficits, and prevent upward pressure on debt indicators. Looking ahead, several priorities stand out as essential for reinforcing the effectiveness of fiscal policy. Enhancing revenue capacity remains a fundamental requirement; ensuring a broader and more compliant tax base will help reduce fiscal vulnerabilities and improve

predictability in public financing. Equally important is the need to elevate the quality of public spending—placing greater emphasis on projects that generate measurable economic returns and carefully reviewing programs with limited impact. Maintaining disciplined fiscal balances will be crucial for safeguarding macroeconomic stability, particularly as global uncertainties continue to influence Uzbekistan’s economic environment. Sound debt management practices, including strategic borrowing and rigorous assessment of project viability, will help prevent excessive fiscal strain in future years. Incorporating environmental considerations more systematically into fiscal planning is also becoming increasingly necessary. Integrating climate-focused budgeting tools and environmentally related tax measures can support the shift toward a greener growth model and reduce long-term vulnerability to environmental risks. Finally, strengthening institutional capacity will play a decisive role in ensuring that fiscal reforms are implemented effectively. Enhancements in transparency, better coordination across government levels, and more robust medium-term planning frameworks will improve accountability and raise the overall quality of fiscal decision-making. Taken together, these directions provide a coherent roadmap for reinforcing Uzbekistan’s fiscal architecture. By focusing on revenue strength, spending efficiency, prudent balances, responsible borrowing, green transformation, and institutional capability, fiscal policy can continue to serve as a key driver of inclusive and sustainable economic progress. This integrated approach will be essential for building on the achievements of recent years and ensuring a more resilient and forward-looking fiscal system for the future.

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Proofreader: Zokir ALIBEKOV

Layout and Designer: Oloviddin Sobir ugli

2026. № 1

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