Iiard International Journal Of Economics And Business Management E-ISSN 2489-0065
P-ISSN 2695-186X Vol 10. No. 10 2024 www.iiardjournals.org online version

Public Debt Management Strategies in An Open Economy

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DOI 10.56201/ijebm.v10.no10.2024.pg84.95

Abstract
The study examines the impact of debt sustainability on long-term economic growth in open economies, focusing on sound debt management practices. Key factors influencing debt management include fiscal policy, external shocks, capital flow volatility, and institutional capacity. The research uses theoretical frameworks like Ricardian Equivalence, Keynesian perspectives, and the Debt Overhang Theory to understand their implications. Successful strategies include diversifying debt instruments, building foreign exchange reserves, and implementing robust fiscal rules. The study also emphasizes the importance of debt transparency, strengthening institutional frameworks, and fostering macroeconomic stability through sound fiscal and monetary policies. Countries with effective debt management frameworks, supported by structural reforms and prudent fiscal policies, are better positioned for sustainable growth. The study concludes with policy recommendations for promoting fiscal discipline, enhancing debt sustainability, and supporting long-term economic growth in open economies.

Keywords: *Public Debt, Debt Sustainability, Open Economy, Fiscal Discipline, Debt Diversification, Economic Stability.*

JEL CODE: *H6, H63, H68*

1. INTRODUCTION

Public debt management is a critical aspect of macroeconomic policy in an open economy, where countries engage in extensive cross-border trade and financial transactions (O. N. Okonkwo & Okechukwu, 2024). It is essential to ensure governments can meet their financing needs at the lowest possible cost while maintaining prudent risk. Poor debt management can lead to high borrowing costs, unsustainable debt levels, and increased vulnerability to external shocks (O. N. Okonkwo, Okechukwu, et al., 2024).

An open economy is characterized by its extensive interactions with the global market, including trade in goods and services, investment flows, and capital movements. These interactions can influence a country's debt dynamics through exchange rate fluctuations, interest rate movements, and capital flows. The evolution of public debt can be driven by various factors, such as economic crises, fiscal deficits, and investment needs (Misztal, 2021). Globalization has intensified economies' interconnectedness, influencing public debt management in several ways. Governments in open economies can access a broader range of financing sources, including international bond markets, and are more susceptible to external shocks. Policy coordination is also necessary because globalization necessitates greater coordination of fiscal and monetary policies with other countries and international institutions. International institutions like the International Monetary Fund (IMF) and the World Bank play a pivotal role in assisting countries with public debt management (O. N. Okonkwo & Ojima, 2018). They provide technical assistance, policy advice, and financial support to help maintain debt sustainability. Key challenges in managing public debt in an open economy include volatility in financial markets, political and economic uncertainty, and debt sustainability (Ani et al., 2024).

In managing debt within open economies, a convoluted interplay is apparent between governmental actions, economic frameworks, and the incorporation into the global financial arena. Grasping the intricacies of how debt is managed in these open economic landscapes necessitates acknowledging differences in government intervention strategies and economic structures. Insights from the literature on Worlds-of-Welfare-States and Varieties-of-Capitalism shed light on varied methods of handling social welfare provisions and governing economically (O. N. Okonkwo, Dikeogu-Okoroigwe, et al., 2024). Economies undergoing transitions like those found in Eastern and Central Europe are met with distinctive hurdles in maintaining innovation systems, macroeconomic equilibrium, and social support networks which are shaped by historical contexts as well as political infrastructures (O. N. Okonkwo & Akamike, 2024). Furthermore, the process of liberalizing capital accounts in emerging nations does not always result in the expected positive consequences. This highlights the need for sequencing when it comes to opening up to wider financial exchanges to reduce the dangers associated with financial turbulence. It highlights why it's essential to synchronize strategies for managing debts with wider economic reforms along with structural realignments fostering enduring growth within open economies.

Proactive debt management involves anticipating and mitigating risks, diversifying funding sources, and maintaining a balanced debt portfolio. This helps countries minimize borrowing costs by carefully timing debt issuance and choosing favorable terms, managing risks through hedging strategies and prudent risk assessment, and ensuring long-term sustainability by aligning debt management with broader fiscal and economic policies (Matthew & Mordecai, 2016; Okonkwo, Cynthia, et al., 2024).

Effective public debt management is crucial for economic stability, cost minimization, risk mitigation, fiscal space, market development, macroeconomic policy coordination, and credibility and reputation. It ensures a country can meet its debt obligations without resorting to disruptive measures, maintains investor confidence, and minimizes borrowing costs. It involves identifying, assessing, and mitigating various risks, such as interest rate, exchange rate, and refinancing risk. Maintaining sustainable debt levels allows a government to respond to economic crises, natural disasters, and other unforeseen events without compromising long-term debt sustainability (Ojukwu et al., 2021). Sound debt management practices contribute to the development of domestic financial markets, improve market liquidity, and facilitate private-sector borrowing and investment. It must be coordinated with broader macroeconomic policies to ensure overall economic stability and growth. Effective debt management enhances a country's credibility and reputation in international financial markets, leading to lower risk premiums and better-borrowing terms in the future. It also promotes transparency and accountability, aligns debt management strategies with macroeconomic policies, and strengthens institutional frameworks for debt management (Okonkwo, Okechukwu, et al., 2024).

2. UNDERSTANDING PUBLIC DEBT MANAGEMENT

Types of Public Debt

Public debt can be categorized based on factors such as the currency of issuance, the nature of creditors, the maturity period, and the method of issuance. These types help in devising effective debt management strategies. Types of public debt include domestic debt, which is issued in the country's currency, and external debt, which is issued in a foreign currency (Olatunji et al., 2019). Creditors can be marketable or non-marketable, and the maturity period can be short-term, medium-term, or long-term. The method of issuance can be auctioned, syndicated, or private placements.

Direct debt, which is directly backed by the government's full faith and credit, includes sovereign bonds and government-guaranteed securities. Contingent liabilities, which include potential future obligations, include guarantees provided by the government for loans taken by other entities. Developmental debt is raised for specific projects like infrastructure, education, or healthcare, often sourced from international development banks and organizations. Budgetary debt is used to cover budget deficits and finance regular government operations (Yusuf & Mohd, 2023).

Special types of public debt include inflation-indexed bonds, zero-coupon bonds, callable bonds, and perpetual bonds. Inflation-indexed bonds adjust principal and interest payments according to inflation rates, zero-coupon bonds are sold at a discount and redeemed at face value at maturity, callable bonds allow the issuer to redeem the bond before its maturity date, and perpetual bonds pay interest indefinitely without a fixed maturity date (Misztal, 2021).

Factors Influencing Debt Management

Debt management in an open economy is influenced by various factors that impact the cost, risk, and sustainability of debt. Key factors include economic growth, inflation rates, exchange rates, interest rates, fiscal policy, political stability, institutional framework, governance, external factors, market conditions, risk management, debt portfolio structure, and legal and regulatory environment (Okonkwo & Nnamocha, 2015). Economic growth can increase government revenues, while inflation can erode the real value of debt and lead to higher interest rates. Fiscal policy can reduce the need for borrowing, while revenue generation and expenditure management can help manage debt. Political stability and institutional frameworks are crucial for effective debt management, while transparency and accountability build investor confidence (Kudryashov, 2022). External factors, such as global financial market conditions, international relations, commodity prices, and market conditions, can also influence debt management. Risk management involves a well-structured debt portfolio, managing contingent liabilities, and using financial instruments to hedge against interest rate and exchange rate risks. A robust legal framework and regulatory policies can help manage debt effectively, while weak legal structures can lead to disputes and uncertainties (Yusuf & Mohd, 2023).

Theoretical Frameworks in Public Debt Management

Public debt management relies on various theoretical frameworks to understand the dynamics of debt, its implications for economic stability, and strategies for effective management. Key theoretical frameworks include Ricardian Equivalence, Loanable Funds Theory, Keynesian Theory, Debt Sustainability Frameworks, Modern Portfolio Theory, Optimal Debt Structure, Public Choice Theory, Intertemporal Budget Constraint, Game Theory and Strategic Borrowing, and Behavioral Economics (Toporowski, 2022).

Classical and neoclassical theories suggest that government borrowing does not affect aggregate demand, while Loanable Funds Theory suggests that interest rates are determined by the supply and demand for loanable funds. Keynesian Theory suggests that government borrowing and spending can stimulate aggregate demand and pull an economy out of recession. Debt sustainability frameworks include the Debt-to-GDP Ratio, Primary Balance, and Debt Stabilizing Primary Balance (Greiner & Fincke, 2015).

Modern Portfolio Theory focuses on risk-return trade-offs and the efficient frontier, while Public Choice Theory analyzes government behavior and debt accumulation. Institutional frameworks and intertemporal budget constraints help mitigate excessive borrowing. Game Theory and strategic borrowing models analyze the strategic interactions between the government and creditors, while behavioral economics helps design policies that encourage prudent borrowing and spending (Baldacci & Fletcher, 2004; Chatzouz, 2020).

3. PUBLIC DEBT MANAGEMENT STRATEGIES IN AN OPEN ECONOMY

Effective public debt management in an open economy involves a comprehensive approach that balances cost and risk while ensuring debt sustainability. Key strategies include strategic debt issuance, fiscal policy coordination, revenue enhancement, expenditure rationalization, risk management, institutional framework and governance, market development, international cooperation and assistance, contingency planning and crisis management, innovative financial instruments, and international cooperation and assistance (Darvas & Hüttl, 2014).

Strategic debt issuance includes using diverse funding sources, balancing short-term and long-term debt, and implementing appropriate currency composition. Fiscal policy coordination involves sustainable fiscal policies, revenue enhancement, and expenditure rationalization. Risk management includes interest rate risk, exchange rate risk, and refinancing risk (Onyele & Nwadike, 2021).

Institutional framework and governance include the establishment of a dedicated Debt Management Office (DMO), transparency and accountability, and a robust legal and regulatory framework. Market development involves developing domestic debt markets, improving market infrastructure, and building investor relations. International cooperation and assistance

involve working with international financial institutions, seeking concessional loans and grants from bilateral and multilateral partners, and engaging with international financial institutions.
Contingency planning and crisis management involve liquidity buffers, debt restructuring and refinancing, and crisis response mechanisms. Innovative financial instruments include inflation-indexed bonds, green and social bonds, catastrophe bonds, and contingent debt instruments (Ogunjimi, 2019).
Effective public debt management in an open economy requires a comprehensive approach that balances cost and risk while ensuring debt sustainability. By adopting strategic debt issuance, fiscal policy coordination, market development, international cooperation, and innovative financial instruments, countries can effectively manage their debt and maintain a stable financial system (Onyele & Nwadike, 2021).

CHALLENGES IN DEBT MANAGEMENT

Debt management in an open economy presents several challenges that can impact a country's economic stability and fiscal health. Key challenges include volatile economic growth, high debt levels, inflation, and interest rate fluctuations, exchange rate risk, budget deficits, structural deficits, revenue fluctuations, expenditure pressures, political instability, weak institutional capacity, governance issues, external challenges, market liquidity, credit ratings, investor base, risk management, legal and regulatory challenges, and compliance and enforcement (Adegbie et al., 2022).
Volatility in economic growth reduces government revenues, making it harder to service debt. High debt levels increase the burden of debt servicing, crowding out essential public spending. Rising inflation erodes the value of fixed-interest debt but can lead to higher nominal interest rates, affecting debt servicing costs, especially for variable-rate debt. Exchange rate risk increases the burden of servicing foreign-denominated debt (Ashogbon et al., 2023).
Financial policy challenges include budget deficits, revenue fluctuations, expenditure pressures, political instability, weak institutional capacity, and governance issues. External challenges include global financial market conditions, dependence on foreign financing, international relations, market liquidity, credit ratings, and investor base. Risk management challenges include debt portfolio risks, contingent liabilities, hedging strategies, and inadequate legal frameworks (Okonkwo, 2018).
An inadequate legal framework is necessary for effective debt management, while a consistent or overly restrictive regulatory environment can hinder the development of domestic debt markets. Compliance with debt management policies and regulations requires robust monitoring and enforcement mechanisms (Bashir, 2019).
To address these challenges, governments must implement a comprehensive and coordinated approach involving sound fiscal policies, effective risk management, strong institutional frameworks, and proactive market engagement. By tackling these issues, governments can enhance their debt management practices, ensuring long-term debt sustainability and economic stability in an open economy (Ebhotemhen, 2020).

4. COMPARATIVE ANALYSIS OF DEBT MANAGEMENT STRATEGIES

Case Studies of Successful Debt Management

Case studies of successful debt management provide valuable insights into effective strategies and practices. In the 1980s, New Zealand faced high public debt and significant economic challenges, including high inflation and fiscal deficits. To address these issues, the country

implemented several strategies, such as the Fiscal Responsibility Act (1994), which introduced strict fiscal rules to ensure budget discipline and transparency (Kudryashov, 2022).
Canada faced a high debt-to-GDP ratio and large fiscal deficits in the early 1990s. The country implemented a program review (1994-1995) to identify areas for spending cuts, followed by fiscal consolidation and debt management. Sweden experienced a severe banking crisis in the early 1990s, leading to high public debt and economic instability. The country implemented fiscal policy reforms, public sector reforms, and central bank independence to stabilize the economy and reduce public debt (Ojukwu et al., 2021).
Chile faced high levels of external debt and economic challenges during the 1980s and 1990s. The country implemented structural adjustment programs, fiscal rules, and sovereign wealth funds to manage revenue from natural resources, particularly copper. These strategies resulted in significant reductions in public and external debt levels, enhanced macroeconomic stability, investor confidence, and fiscal buffers that provided resilience during economic downturns (Dottori & Manna, 2015).
Germany faced high public debt and sluggish economic growth in the early 2000s. The country implemented the "debt brake" rule, labor market reforms, and the establishment of the German Finance Agency to manage federal debt efficiently. These strategies significantly reduced the debt-to-GDP ratio, improved economic performance, and strengthened Germany's position as a haven for investors during the Eurozone crisis (Misztal, 2021).

Lessons from Failed Debt Management Strategies

The failure of debt management strategies in countries like Argentina, Greece, Venezuela, and Brazil can provide valuable lessons on avoiding future crises and improving future practices. Argentina's 2001 debt crisis was marked by chronic deficits, lack of fiscal discipline, and over-reliance on external debt. To maintain debt sustainability, Argentina should implement sustainable fiscal policies with clear rules for spending and revenue collection. Greece's debt crisis led to a bailout by the European Union and the IMF, involving stringent austerity measures and economic reforms (Martin, 2019).
Greece's debt crisis was compounded by deep-seated structural issues, including an inefficient public sector and a lack of competitiveness. Enforcing strict fiscal discipline and limiting deficit spending is crucial for maintaining debt sustainability. Poor debt management practices, including a lack of transparency and ineffective debt issuance strategies, worsened the crisis. Building and maintaining fiscal buffers is essential for resilience against economic shocks and reducing reliance on external funding (Albassam, 2021).
Venezuela's debt crisis was exacerbated by a sharp decline in oil prices, economic mismanagement, and hyperinflation. To mitigate the crisis, Venezuela should diversify its economy and reduce its dependence on volatile commodity revenues. The government's failure to implement sound economic policies and widespread corruption led to severe economic mismanagement (Albassam, 2021).
To maintain international confidence, Brazil should strengthen its fiscal institutions and ensure robust budgetary controls. Transparency and accountability are important in debt management, as they build trust with investors and stakeholders. Effective policy coordination is necessary for successful debt management, and a focus on long-term fiscal sustainability is crucial for maintaining debt stability (Ashogbon et al., 2023).

5. IMPACT OF DEBT MANAGEMENT ON ECONOMIC GROWTH

Relationship between Debt Levels and Economic Growth

The relationship between debt levels and economic growth is a complex and widely debated topic in economics. There are several theoretical perspectives on this relationship, including Ricardian Equivalence, Keynesian Viewpoint, and Debt Overhang Theory. Empirical evidence suggests that countries with low to moderate debt levels tend to experience positive growth effects from borrowing, particularly if the debt is used for productive investments (Martin, 2019).

The debt threshold hypothesis suggests that the relationship between debt and growth is nonlinear, with a threshold of around 90% of GDP. Countries with debt levels above this threshold often experience slower growth rates due to higher interest rates, crowding out private investment, and reducing the government's ability to implement counter-cyclical fiscal policies. High debt levels can lead to debt servicing costs, crowding out effects, and erode investor confidence and risk premium, further depressing economic growth (Ojukwu et al., 2021).

Successful debt management has been demonstrated in countries like Germany and Chile, where fiscal rules and the establishment of a sovereign wealth fund have helped maintain low debt levels and ensure fiscal sustainability. However, Greece's debt crisis and Argentina's default highlight the risks of excessive borrowing without adequate economic foundations (Albassam, 2021).

Policy implications include sustainable debt management, investing in productive assets, implementing fiscal rules and controls, and enhancing transparency and accountability in debt management. Maintaining debt at sustainable levels is crucial for achieving long-term fiscal sustainability and economic stability. Ensuring transparency and accountability in debt management can build investor confidence and support sustainable economic growth (Onyele et al., 2023).

Debt Sustainability and Long-Term Growth

Debt sustainability is the ability of a country to manage its debt without compromising its ability to meet future debt obligations while maintaining a stable economic environment. Key indicators of debt sustainability include the debt-to-GDP ratio, Debt Service Ratio, and Fiscal Balance. High levels of debt can lead to resource allocation issues, such as crowding out private investment, debt service burden, investor confidence, market stability, policy flexibility, and structural reforms (Motoyama, 2018).

Debt sustainability is assessed using the Debt-to-GDP Thresholds, which are set by the IMF and World Bank. Countries with debt levels exceeding this threshold may experience diminishing returns on additional borrowing, leading to slower economic growth. Maintaining a primary surplus is essential for long-term debt sustainability, ensuring that the government can reduce the debt-to-GDP ratio over time (Efthimiadis & Tsintzos, 2023).

Japan has one of the highest debt-to-GDP ratios in the world, exceeding 250%. To promote debt sustainability and growth, policymakers should adopt sound fiscal policies, such as balanced budgets, primary surplus, enhanced debt management practices, and promotion of economic diversification and growth. They should also strengthen institutional frameworks, establish robust fiscal rules and institutions, ensure transparency in debt management practices, and implement structural reforms, such as labor market reforms and business environment improvements (Bystrov & Mackiewicz, 2020).

The interplay between debt sustainability and long-term growth highlights the importance of maintaining a balance between borrowing for growth and ensuring fiscal discipline. Sustainable debt levels provide the foundation for stable economic growth, enabling countries to invest in development, withstand economic shocks, and enhance their growth prospects. Policymakers must focus on maintaining fiscal discipline, managing debt effectively, and implementing growth-enhancing reforms to achieve long-term economic stability and prosperity (Motoyama, 2018).

Implications for Open Economies

Open economies face unique challenges in terms of debt sustainability and long-term growth due to their vulnerability to global financial crises, commodity price fluctuations, and changes in international trade dynamics. These challenges include exposure to external shocks, capital flows and exchange rate volatility, and dependence on foreign financing (Ojukwu et al., 2021). To mitigate these risks, open economies should diversify their debt portfolio, maintain adequate foreign exchange reserves, implement sound fiscal policies, adopt macroprudential policies, strengthen institutional and regulatory frameworks, engage in international debt markets strategically, invest in growth-enhancing projects, pursue structural reforms, enhance debt transparency and governance, and implement comprehensive debt reporting standards (Ashogbon et al., 2023).

Case studies of open economies show that Chile has effectively managed its debt through fiscal discipline, debt diversification, and strategic use of sovereign wealth funds. South Korea's fiscal responsibility laws ensure that fiscal deficits are kept within sustainable limits, while the Pension Reserve Fund helps stabilize public finances against commodity price volatility. South Korea's prudent policies have led to sustained economic growth and a manageable debt level. Mexico has faced challenges with external debt and economic volatility, particularly due to its dependence on oil revenues (Albassam, 2021).

To address these challenges, policy recommendations for open economies include developing comprehensive debt management strategies, enhancing fiscal discipline and transparency, promoting economic diversification and resilience, strengthening international cooperation and support, and investing in human capital and infrastructure. These strategies include risk assessment, diversification, long-term planning, strengthening fiscal discipline and transparency, promoting economic diversification and resilience, engaging with international financial institutions, negotiating favorable borrowing terms, and seeking technical assistance for debt management capacity building (Martin, 2019).

In conclusion, for open economies, balancing debt sustainability with long-term growth is essential. By adopting sound fiscal policies, enhancing debt management practices, and promoting economic diversification and structural reforms, countries can achieve a sustainable growth trajectory while maintaining fiscal stability. Engaging with international markets strategically and building robust institutional frameworks further strengthens their capacity to manage debt effectively and foster economic resilience (Ashogbon et al., 2023).

CONCLUSION

The relationship between debt levels, debt sustainability, and long-term economic growth in open economies is complex and requires a balance of fiscal discipline, strategic debt management, and growth-enhancing investments (Kpeyol et al., 2022). To maintain debt levels below a critical threshold of 90% of GDP, open economies must diversify their debt portfolios, build fiscal buffers, implement robust fiscal rules, enhance debt transparency and governance, strengthen institutions, adopt growth-enhancing policies, and learn from global experiences. Countries like Chile and South Korea have demonstrated that prudent debt management, sound fiscal policies, and strategic investments can sustain economic growth and maintain debt sustainability. Lessons from Greece and Argentina highlight the dangers of excessive debt, lack of fiscal discipline, and inadequate structural reforms (Albassam, 2021). Open economies should engage with international debt markets strategically, seeking favorable terms and leveraging support from financial institutions. By integrating sound fiscal policies, strategic debt management, and growth-enhancing investments, open economies can navigate the complexities of the global economy and achieve a balanced and resilient economic future.

Policy Recommendations

Effective public debt management in open economies needs a balanced strategy that incorporates fiscal discipline, strategic investment, and robust institutional frameworks.

i. Engaging with international financial institutions for debt management capacity building and negotiation of favorable terms.
ii. Strengthening financial sector regulations and promoting economic diversification
iii. Debt restructuring mechanisms should be improved through a clear framework for negotiations and international coordination.

REFERENCES

Adegbie, F. F., Otitolaiye, E. D., Aguguom, T. A., & Ajayi, A. (2022). Public Debt Management and Economic Growth in Nigeria. *Wseas Transactions on Business And Economics*, *19*, 1046–1060.

Albassam, B. (2021). Managing Public Debt: The Case of Saudi Arabia. *International Journal of Economic Sciences*. Https://Doi.Org/10.52950/Es.2021.10.1.002

Ani, T. M., Igwe, A. O., & Nwabuisi, A. O. (2024). Government Debt and Social Infrastructural Development in Nigeria. *European Journal of Accounting, Auditing and Finance Research*, *12*(1), 1–16.

Ashogbon, F. O., Onakoya, A. B., Obiakor, R. T., & Lawal, E. (2023). Public Debt, Institutional Quality, and Economic Growth: Evidence from Nigeria. *Journal of Economics and Allied Research*, *8*(1), Article 1.

Baldacci, E., & Fletcher, K. (2004). A Framework for Fiscal Debt Sustainability Analysis in Low-Income Countries. *Helping Countries Develop: The Role of Fiscal Policy*, 130–161.

Bashir, O. K. (2019). Foreign Debt and Economic Growth Dynamics: Further Evidence from Nigeria. *Journal of Economics and Allied Research*, *3*(1), Article 1.

Bystrov, V., & Mackiewicz, M. (2020). Recurrent Explosive Public Debts and The Long-Run Fiscal Sustainability. *Journal of Policy Modeling*, *42*, 437–450. Https://Doi.Org/10.1016/J.Jpolmod.2019.10.002

Chatzouz, M. (2020). *Public Debt and Wealth Inequality in A Neoclassical Growth Model* (Ssrn Scholarly Paper No. 3531199). Https://Doi.Org/10.2139/Ssrn.3531199

Darvas, Z., & Hüttl, P. (2014). *The Long Haul: Debt Sustainability Analysis*. Bruegel Working Paper. Https://Www.Econstor.Eu/Handle/10419/126733

Dottori, D., & Manna, M. (2015). Strategy and Tactics In Public Debt Management. *Bank of Italy: Temi Di Discussione (Working Papers) (Topic)*. Https://Doi.Org/10.2139/Ssrn.2600876

Ebhotemhen, W. (2020). The Effects of External Debt and Other Selected Macroeconomic Variables on Investment In Nigeria. *Journal of Economics and Allied Research*, *5*(1), Article 1.

Efthimiadis, T., & Tsintzos, P. (2023). From Debt to Green Growth: A Policy Proposal. *Sustainability*. Https://Doi.Org/10.3390/Su15043506

Greiner, A., & Fincke, B. (2015). *Public Debt, Sustainability, and Economic Growth: Theory and Empirics*. Springer International Publishing. Https://Doi.Org/10.1007/978-3-319-09348-2

Kpeyol, K., Andohol, J., & Anjande, G. (2022). Investment-Savings Gap and Public Debt Sustainability in Nigeria. *Journal of Economics and Allied Research*, *7*(3), Article 3.

Kudryashov, V. (2022). Strategic Principles of Public Debt Management. *Economy of Ukraine*. Https://Doi.Org/10.15407/Economyukr.2022.09.058

Martin, V. (2019). Public Debt Management in Selected Central East Europe Countries. *Economic Themes*, *57*, 109–187. Https://Doi.Org/10.2478/Ethemes-2019-0006

Matthew, A., & Mordecai, B. D. (2016). The Impact of Public Debt on The Economic Development of Nigeria. *Asian Research Journal of Arts & Social Sciences*, *1*(1), 1–16.

Misztal, P. (2021). Public Debt Management and The Country's Financial Stability. *Studia Humana*, *10*, 10–18. Https://Doi.Org/10.2478/Sh-2021-0014

Motoyama, T. (2018). Sustainability of Public Debt Under Physical and Human Capital Accumulation in An Overlapping Generations Model. *Journal of Economics*, *127*, 19–45. Https://Doi.Org/10.1007/S00712-018-0630-4

Ogunjimi, J. (2019). The Impact of Public Debt on Investment: Evidence from Nigeria. *DBN Journal of Economics & Sustainable Growth*. Https://Papers.Ssrn.Com/Sol3/Papers.Cfm?Abstract_Id=3466870

Ojukwu, C. O., Ibanichuka, E. A., & Egbe, S. (2021). Public Debt and Sustainable Development: Evidence from Nigeria. *Journal of Good Governance and Sustainable Development In Africa*, *6*(5), 1–17.

Okonkwo, N. O., Cynthia, C. F., & Kalu, I. N. (2024). Structure, Composition, and Sustainability of Public Debt in Nigeria. *British International Journal of Applied Economics, Finance and Accounting*, *8*(3), 44–58.

Okonkwo, O. N. (2018). Determinants of Taxation in Nigeria, 1980-2014. *International Journal of Research in Arts and Social Sciences*, *11*(2), 20–33.

Okonkwo, O. N., & Akamike, J. O. (2024). Public Debt and Monetary Stability in Nigeria. *African Journal of Social and Behavioural Sciences, 14*(4), 1565–1575.

Okonkwo, O. N., Dikeogu-Okoroigwe, C. C., & Akamike, O. J. (2024). Public Debt and Corruption Nexus in Nigeria: An Analytical. *International Journal of Economics And Financial Management (Ijefm)*, *9*(3), 93–103.

Okonkwo, O. N., & Ojima, D. (2018). External Debt and The Nigerian Economy. *International Journal of Innovative Social Sciences & Humanities Research*, *6*(4), 14–25.

Okonkwo, O. N., & Okechukwu, A. J. (2024). Public Debt Crisis in Nigeria: Causes and Consequences. *International Journal of Social Sciences and Management Research, 10*(4), 166–175.

Okonkwo, O. N., Okechukwu, A. J., & Ihugba, O. (2024). Public Expenditure Management and Economic Development in Africa. *Journal of Economics and Allied Research (JEAR)*, *9*(1), 64–73.

Olatunji, J., Asamu, K., Adedamola, M. A., & Adedayo, A. O. (2019). Nigeria Public Debt 1999 To 2017: An Analysis of Trend and Impact on Economic Growth and Development. *The International Journal of Business & Management*. Https://Ischolar.Sscldl.In/Index.Php/Tijbm/Article/View/198171

Onyele, K. O., Ikwuagwu, E. B., & Opara, C. C. (2023). Government Debt Sustainability and Investments in Nigeria: Trends and Risk Thresholds Amidst Macroeconomic Swings. *Pan-African Journal of Governance and Development (Pjgd)*, *4*(1), 18–52.

Onyele, K. O., & Nwadike, E. C. (2021). Impact of National Debt Burden on Economic Stability in Nigeria. *Economics and Business*, *35*(1), 91–106. Https://Doi.Org/10.2478/Eb-2021-0006

Okonkwo, O. N., & Nnamocha, P. N. (2015). Government Fiscal Strategy and Sustainable Fiscal Management in Nigeria. *Journal of Empirical Economics*, *4*(1), 20–28.

Toporowski, J. (2022). What Keynes Learned from Kalecki – A Brief Introduction to The Fiscal Theory of Debt Management. In *Monetary Economics, Banking and Policy*. Routledge.

Yusuf, A., & Mohd, S. (2023). Nonlinear Effects of Public Debt on Economic Growth in Nigeria. *Sn Business & Economics*, *3*(4), 88. Https://Doi.Org/10.1007/S43546-023-00468-7