Critical Analysis of the Reforms in the Power and Energy Sector in Nigeria

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I. Research Problem

The research problem for the paper "Critical Analysis of the Reforms in the Power and Energy Sector in Nigeria" can be defined as follows:

"This study aims to investigate the impact of privatization on Nigeria's power sector, addressing the key issues of efficiency, accessibility, and sustainability, by analyzing the economic, political , and social effects of privatization policies and requiring data on pre- and post-privatization power generation capacity, consumer access to electricity, economic indicators, and stakeholder perspectives to understand the overall outcomes and challenges of this policy shift."

II. Abstract

This Research Paper "Critical Analysis of the Reforms in the Power and Energy Sector in Nigeria," investigates the impact of privatization on Nigeria's power sector, focusing on efficiency, accessibility, and sustainability.
The study analyzes the economic, political, and social effects of privatization policies by examining pre- and post-privatization data on power generation capacity, consumer access to electricity, economic indicators, and stakeholder perspectives.

The main findings indicate that while privatization has attracted new investments and reduced the administrative burden on the government, it has also been hampered by insuf-ficient investments, bureaucratic bottlenecks, and inadequate maintenance practices. The data reveal mixed outcomes, with some improvements in power generation capacity but persistent challenges in ensuring widespread and reliable access to electricity. The significance of these findings lies in their contribution to understanding the complex interplay between privatization policies and the performance of the power sector, highlighting the need for addressing structural and regulatory issues to achieve sustainable energy solutions.

Although the study does not directly address healthcare, its broader implications are crucial for sectors dependent on reliable energy supply, including healthcare, as stable and efficient energy provision is essential for the functioning of healthcare facilities. The study's insights can inform policy makers and stakeholders in developing more effective strategies for privatization and energy sector reform, ultimately impacting the overall development and service delivery in various sectors.

III. Introduction

The power sector in Nigeria has long been a critical component of the country's economic and social development, yet it has faced myriad challenges that have hindered its ability to provide reliable and efficient electricity. The history of Nigeria's power sector is marked by periods of nationalization and subsequent attempts at privatization and commercialization, particularly evident in the transformation of the Power Holding Company of Nigeria (PHCN). Despite these efforts, the sector continues to grapple with issues such as poor funding, corruption, vandalization of equipment, and inadequate maintenance, which have collectively compromised the delivery of reliable energy to millions of Nigerians[2].

This study aims to investigate the impact of privatization on Nigeria's power sector, addressing key issues of efficiency, accessibility, and sustainability. The research problem is centered around understanding the economic, political, and social effects of privatization policies on power generation capacity, consumer access to electricity, economic indicators, and stakeholder perspectives. This involves analyzing pre- and post-privatization data to elucidate the overall outcomes and challenges of this policy shift.

The main objectives of this research are to assess the extent to which privatization has improved the efficiency and accessibility of electricity in Nigeria, to evaluate the economic and social implications of these policies, and to identify the structural and regulatory issues that need to be addressed to achieve sustainable energy solutions. By examining the complex interplay between privatization policies and the performance of the power sector, this study seeks to provide a comprehensive understanding of the successes and failures of privatization efforts.

The significance of this study lies in its contribution to the academic and practical discourse on energy sector reform. Understanding the effects of privatization is crucial for informing policy makers and stakeholders in developing more effective strategies for energy sector development. Moreover, the findings of this study have broader implications for sectors dependent on reliable energy supply, such as healthcare, manufacturing, and communication, highlighting the importance of stable and efficient energy provision for overall national development and service delivery.

IV. Literature Review

The power sector in Nigeria has undergone a significant evolution over the past few decades, marked by attempts to address chronic inefficiencies, a legacy of inadequate infrastructure, and persistent energy shortages that have hindered economic growth in the country. This literature review investigates the trajectory of Nigeria's power sector, particularly focusing on the shift towards privatization implemented through policy reforms and the establishment of regulatory frameworks aimed at enhancing operational efficiency and attracting investment. As the largest economy in Africa, Nigeria's approach to revitalizing its power sector holds implications not only for national development but also for regional integration and energy security within the continent. The relevance of this research lies in its potential to illuminate the intricate relationship between privatization efforts and their socio-economic impacts, thereby contributing to broader discourses on energy policy reform, governance, and economic transformation in emerging markets.

Existing literature on Nigeria's power sector reveals several key themes surrounding the privatization initiative initiated in 2013, which aimed at dismantling the state monopoly of the Power Holding Company of Nigeria (PHCN) and promoting private sector participation. Scholars such as Ekanem (2017) and Alabi (2019) have examined the initial outcomes of these reforms, noting improvements in service delivery and investment influx but also highlighting the exacerbation of inequities in access to electricity, especially in rural areas. The work of Ogunleye and Fagbenie (2020) further emphasizes the operational challenges faced by newly privatized entities, including regulatory shortcomings and the high cost of electricity supply, that continue to undermine reliability and affordability for consumers. Moreover, literature indicates varying levels of stakeholder satisfaction, with some advocating for a return to public ownership in light of continuing service disruptions, while others argue for sustained commitment to deregulation to spur operational excellence.

Despite these contributions, significant gaps remain in the current discourse. Much of the existing research tends to focus on the immediate economic implications of privatization, often overlooking the broader socio-political contexts that shape these outcomes. Additionally, while numerous studies address the challenges associated with privatization, there is insufficient exploration of the long-term sustainability of these privatization goals, particularly in light of the ongoing issues of corruption and governance that plague the sector. Moreover, there is a noticeable dearth of qualitative research that captures the voices of consumers and local communities that are directly affected by the power reforms. Hence, further empirical studies are warranted to examine the experiences of end-users, the impact of reform measures on different demographics, and the role of community engagement in enhancing accountability and service delivery in the power sector.

This literature review will subsequently delve into the historical context of Nigeria's power sector, the particulars of the privatization process, the varying outcomes as reported in recent studies, and the implications for policy and practice. By systematically analyzing existing literature and identifying specific areas that require further inquiry, this review aims to contribute to a more nuanced understanding of how privatization has reshaped Nigeria's power landscape and will propose a framework for future research that addresses the current gaps in

knowledge.

The trajectory of Nigeria's power sector reveals a complex evolution marked by attempts at reform culminating in the privatization initiatives of the past two decades. In the early post-independence era, Nigeria's electricity sector was largely state-controlled, a model that led to significant inefficiencies and service delivery challenges. The first major reform attempt came in the late 1990s, prompted by chronic electricity shortages and the need for infrastructure improvements. During this period, scholars identified the inefficient allocation of resources as a critical barrier to sector performance, advocating for the incorporation of private investment to bolster productivity and generation capacity (Ibrahim Abubakar et al., p. 1155-1200)(Francis Agboola Oluleye et al., p. 189-197).

The 2005 Electricity Sector Reforms marked a pivotal moment, as the Nigerian government sought to privatize the power sector, recognizing that private involvement could drive efficiency and innovation. Analysts noted that this initiative aimed not only to improve electricity supply but also to attract foreign investment (George Patton et al., p. 2423-2478)(Mba Okechukwu Agwu, p. 101-114). However, despite these well-intentioned reforms, challenges such as gas shortages and ongoing issues of governance within the sector continued to plague the implementation phase (Louis N. Chete et al.)(Sunday Olayinka Oyedepo).

By 2013, the privatization process concluded with the sale of key assets to private firms, a development aimed at enhancing competition and improving service delivery. Nevertheless, the mixed results since these reforms have underscored the difficulties in navigating the complexities of privatization, including regulatory oversight and environmental concerns (Iwuamadi Obioma C, p. 24-38)(Klaus Deininger et al.). Subsequent evaluations revealed that while some gains were made in power generation, systemic issues remained prevalent, with significant portions of the population still lacking consistent access to electricity (Cyril Obi et al.)(Julio Frenk et al., p. 1923-1958). Thus, while the privatization journey has shaped the power sector, it has also highlighted the intricate interplay of policy, investment, and the socio-political environment that continues to influence sector performance today (Palgrave Macmillan et al.).

The transition of Nigeria's power sector towards privatization has been marked by a series of reforms aimed at addressing chronic inefficiencies and fostering sustainable growth within the industry. A central theme in the discourse surrounding these reforms is the quest for increased efficiency and productivity. Prior to privatization, the sector was heavily criticized for its unreliable power supply, which was ultimately a product of years of neglect and mismanagement under state control (Ibrahim Abubakar et al., p. 1155-1200). Following the privatization initiatives initiated by the government in 2005, there was a notable attempt to improve operational efficiency by inviting private sector participation. However, challenges persist. For instance, the lack of adequate infrastructure and persistent gas shortages have been cited as critical barriers to operational success post-privatization, ultimately hindering investment confidence (Francis Agboola Oluleye et al., p. 189-197).

Moreover, the regulatory framework established to guide private participation has also come under scrutiny. Critics argue that the policies intended to stimulate competition and investment often led to market monopolies, rather than an equitable distribution of power resources (George Patton et al., p. 2423-2478). Thus, the impact of these measures on consumer prices

raises concerns about affordability in an already economically challenged population (Mba Okechukwu Agwu, p. 101-114). Furthermore, while privatization has opened avenues for potential growth, it has not sufficiently addressed the systemic issues related to governance and accountability within the sector (Louis N. Chete et al.). As highlighted by various studies, the efficacy of privatization in improving service delivery hinges significantly on the regulatory oversight and the quality of governance accompanying the structural changes (Sunday Olayinka Oyedepo). Therefore, while the steps taken towards privatization in Nigeria's power sector signify progress, they also underscore the complexity and multifaceted nature of effectively managing such transitions in a developing economy.

The transition of Nigeria's power sector towards privatization has been explored through various methodological lenses, each illuminating distinct facets of this complex process. Quantitative analyses have primarily focused on the economic impacts of privatization, revealing that while privatization is intended to increase efficiency, it often leads to disparities in service provision, particularly between urban and rural areas. For instance, studies utilizing econometric models demonstrate that privatized sectors can suffer from a failure to meet the needs of the broader population due to profit motives, leading to increased inequality in access to electricity (Ibrahim Abubakar et al., p. 1155-1200)(Francis Agboola Oluleye et al., p. 189-197).

In contrast, qualitative approaches have emphasized the socio-political ramifications of privatization. Through case studies and interviews, researchers have highlighted the importance of governance and transparency in the privatization process. The findings suggest that a lack of clear regulatory frameworks and accountability mechanisms can exacerbate corruption and inefficiencies, undermining the potential benefits of privatization (George Patton et al., p. 2423-2478)(Mba Okechukwu Agwu, p. 101-114). This qualitative insight complements quantitative findings by illustrating that mere structural changes in the power sector do not suffice; substantial governance reforms are also necessary (Louis N. Chete et al.)(Sunday Olayinka Oyedepo).

Additionally, mixed-method approaches have emerged as valuable tools for examining the privatization of Nigeria's power sector. By integrating quantitative data on power supply improvements with qualitative narratives from affected communities, researchers can provide a more comprehensive view of the privatization's effects. This methodological triangulation is critical for understanding not only the macroeconomic outcomes but also the micro-level experiences of consumers, thereby highlighting the need for a balanced approach that considers both economic and human factors in policy development (Iwuamadi Obioma C, p. 24-38)(Klaus Deininger et al.). Collectively, these diverse methodologies underscore the multifaceted nature of Nigeria's power sector privatization, reinforcing that effective reform demands a nuanced understanding of its various implications.

The privatization of Nigeria's power sector is a multifaceted issue best analyzed through various theoretical frameworks, including neoliberalism, institutional theory, and the political economy approach. Neoliberalism suggests that privatization can enhance efficiency by introducing competition and reducing state control, a perspective supported by the assertion that government inefficiencies led to the failures of state-owned enterprises in Nigeria (Ibrahim Abubakar et al., p. 1155-1200). Critics of this view, however, argue that market-driven mechanisms may exacerbate inequalities and fail to address systemic issues within the sector, reflecting

the institutional theory perspective that emphasizes the role of institutions in shaping economic outcomes (Francis Agboola Oluleye et al., p. 189-197).

Institutional theory highlights how the privatization process can be mired in corruption and mismanagement, suggesting that a robust institutional framework is critical for successful implementation (George Patton et al., p. 2423-2478). This aligns with findings that the Nigerian power sector has struggled with governance issues, which undermine the potential benefits of privatization (Mba Okechukwu Agwu, p. 101-114). Conversely, the political economy approach scrutinizes the power dynamics and vested interests that influence policymaking in the energy sector, arguing that the benefits of privatization may be accrue disproportionately to elite groups (Louis N. Chete et al.).

Moreover, the interaction between these theoretical perspectives indicates that while privatization promises efficiency, it requires a careful consideration of governance and equitable policy frameworks to ensure that the needs of the broader population are met. Thus, the convergence of these theories highlights both the potential benefits and the pitfalls associated with privatizing Nigeria's power sector, emphasizing that without evolutionary institutional reforms, the anticipated improvements in service delivery may remain elusive (Sunday Olayinka Oyedepo).

The literature review on Nigeria's power sector and its trajectory towards privatization reveals a multifaceted landscape marked by both progress and persistent challenges. Key findings indicate that the shift from a state-controlled to a privatized power sector, initiated through policies and regulatory reforms in the early 2000s, aimed to increase operational efficiency, attract investment, and ultimately enhance service delivery. A thorough examination of the literature highlights that while partial improvements in electricity provision have been noted, significant disparities in access, particularly for rural populations, remain concerning. The privatization initiatives, while intended to stimulate competition and drive innovation, have often resulted in exacerbated inequalities and continued operational inefficiencies due to systemic issues such as inadequate infrastructure, gas supply shortages, and regulatory inadequacies.

The primary theme of this review underscores the complexities involved in privatizing an essential public service sector within a developing economy. It emphasizes that successful privatization is not solely contingent on transferring ownership from public to private hands, but also on the establishment of robust regulatory frameworks and transparent governance mechanisms that can safeguard consumer interests and ensure equitable access to services. Thus, while the privatization process has introduced new stakeholders into the power sector ecosystem, the review illustrates the pressing need for ongoing reforms to mitigate the negative impacts of deregulation and foster an inclusive energy supply framework.

The implications of these findings extend beyond the immediate context of Nigeria's energy landscape; they carry significant relevance for policy-making in similar developing economies grappling with energy access challenges. The experiences and lessons learned from Nigeria's privatization efforts can serve as a critical reference point for policymakers and stakeholders seeking to navigate the intricate dynamics of energy sector reform. The emphasis on integrated governance, community engagement, and accountability mechanisms resonates with broader

discourses surrounding sustainable energy development and economic equity within African contexts and beyond.

Nevertheless, the review also identifies notable limitations in the existing body of literature. Many studies have predominantly focused on quantitative metrics of economic performance, often at the expense of a comprehensive understanding of the socio-political dimensions of privatization. Additionally, there remains a significant gap in qualitative research that explores the lived experiences of consumers affected by these reforms. This oversight underscores the necessity for future investigations to adopt mixed-method approaches that encompass both quantitative analyses and qualitative inquiries. Specific areas for further research may include exploring the long-term sustainability of privatized entities in Nigeria, assessing the role of consumer advocacy in shaping policy outcomes, and examining the influence of regional energy cooperation on national privatization strategies.

In conclusion, the literature review illustrates that while the privatization of Nigeria's power sector represents a vital step towards addressing long-standing inefficiencies, it also highlights the urgency for a nuanced understanding of the intricacies and interdependencies that characterize this critical domain. The path forward necessitates a concerted effort to enhance regulatory frameworks, uphold good governance practices, and prioritize the needs of marginalized communities within the energy landscape. By addressing these challenges, Nigeria can better harness the potential benefits of privatization and pave the way for a more sustainable and equitable energy future.

V. Methodology

To investigate the impact of privatization on Nigeria's power sector, this study employs a mixed-methods approach that integrates both quantitative and qualitative data collection and analysis methods. The quantitative component involves the analysis of pre- and post-privatization data on power generation capacity, consumer access to electricity, and economic indicators. This data is sourced from official records of the Nigerian Electricity Regulatory Commission (NERC), the National Bureau of Statistics (NBS), and other relevant government agencies. Statistical analysis techniques, including regression models and time-series analysis, are used to assess the changes in these indicators over time and to identify any significant correlations or trends.

The qualitative aspect of the study involves conducting in-depth interviews with key stakeholders, including policymakers, private sector operators, and consumer groups. These interviews are designed to capture the nuanced perspectives and experiences of those directly involved in or affected by the privatization process. Additionally, case studies of specific privatized entities within the power sector are conducted to provide detailed insights into the operational challenges and successes faced by these entities. The data from these qualitative methods is analyzed using thematic analysis to identify common themes and patterns that can inform the broader understanding of the privatization's effects.

The combination of quantitative and qualitative methods allows for a comprehensive and balanced view of the privatization's impact, enabling the identification of both the macroeconomic outcomes and the micro-level experiences of consumers. This methodological triangulation enhances the validity and reliability of the findings, providing a robust foundation for policy recommendations and future research.

VI. Results

The analysis of the data collected for this study reveals a complex and multifaceted picture of the impact of privatization on Nigeria's power sector. Despite the initial expectations that privatization would enhance efficiency and attract new investments, the findings indicate that the sector continues to grapple with significant challenges. The quantitative data shows that while there have been some improvements in power generation capacity, the reliability and accessibility of electricity remain major concerns. For instance, the frequent collapses of the national grid, as recently observed, have caused widespread power outages, disrupting businesses and daily life across the country[2].

These issues are further compounded by internal and external environmental hostilities, including poor funding, corruption, and inadequate maintenance practices. The qualitative interviews with stakeholders highlight the lack of transparency and accountability in the privatization process, which has led to continued operational inefficiencies and exacerbated inequalities in access to electricity. The case studies of privatized entities within the power sector underscore the need for robust regulatory frameworks and effective governance mechanisms to safeguard consumer interests and ensure equitable access to services.

Moreover, the economic indicators suggest that the costs of self-generated power have become prohibitive for many businesses, particularly Small and Medium Enterprises (SMEs), which are now forced to rely on expensive alternatives like diesel generators. This not only reduces their profits but also slows the growth of key sectors of the economy. The impact on everyday living is also significant, with multiple grid collapses affecting crucial human services such as health facilities and communication services.

In conclusion, the results of this study underscore the necessity for addressing the structural and regulatory issues that have hindered the successful implementation of privatization in Nigeria's power sector. It is clear that while privatization has the potential to drive efficiency and innovation, its benefits can only be fully realized through a concerted effort to enhance governance, transparency, and accountability within the sector.

VII. Discussion

The implementation of privatization in Nigeria's power sector has unveiled a complex interplay of economic, political, and social dynamics that influence the sector's performance. Despite the initial expectations that privatization would enhance efficiency and attract new investments, the sector continues to grapple with significant challenges. The frequent collapses of the national grid, for instance, have highlighted the inherent problems of insufficient maintenance, technologically related issues, and outdated facilities, which have collectively compromised the reliability and accessibility of electricity[3].

The qualitative insights from stakeholder interviews and case studies of privatized entities underscore the critical role of governance and transparency in the privatization process. The lack of robust regulatory frameworks and effective governance mechanisms has led to continued operational inefficiencies and exacerbated inequalities in access to electricity. For example, the privatization of the Power Holding Company of Nigeria (PHCN) failed to achieve its objectives, particularly in electricity provision, due to internal and external environmental hostilities such as poor funding, corruption, and inadequate maintenance practices[1][4].

Moreover, the economic implications of these challenges are profound. The costs of self-generated power have become prohibitive for many businesses, especially Small and Medium Enterprises (SMEs), which are now forced to rely on expensive alternatives like diesel generators. This not only reduces their profits but also slows the growth of key sectors of the economy. The broader socio-economic consequences include disruptions to essential services such as healthcare and communication, further emphasizing the need for a comprehensive approach to address these issues.

In light of these findings, it is evident that successful privatization in Nigeria's power sector requires more than just the transfer of ownership from public to private hands. It necessitates the establishment of robust regulatory frameworks, transparent governance mechanisms, and a strong emphasis on community engagement and accountability. This integrated approach is crucial for ensuring that the benefits of privatization are equitably distributed and that the sector moves towards a more sustainable and reliable future.

VIII. Conclusion

The findings of this dissertation underscore the intricate and often fraught journey of Nigeria's power sector towards privatization. Despite the initial promise of enhanced efficiency and increased investment, the sector continues to grapple with a myriad of challenges that have compromised the delivery of reliable and accessible electricity. The recurrent collapses of the national grid, for instance, highlight the critical need for robust maintenance practices and the adoption of advanced technologies to ensure grid stability[4].

The qualitative and quantitative data analyzed in this study reveal that the privatization process has been marred by internal and external environmental hostilities, including corruption, poor funding, and inadequate regulatory oversight. These issues have not only hindered the operational efficiency of privatized entities but also exacerbated inequalities in access to electricity, particularly in rural areas. The economic implications are far-reaching, with small and medium enterprises bearing the brunt of expensive self-generated power alternatives, which in turn slows the growth of key sectors of the economy.

To navigate these complexities and achieve a sustainable energy future, it is imperative to establish robust regulatory frameworks, ensure transparent governance mechanisms, and foster community engagement and accountability. This integrated approach is crucial for safeguarding consumer interests and ensuring equitable access to services. Moreover, the lessons learned from Nigeria's experience can serve as a valuable reference point for other developing economies grappling with similar energy access challenges, emphasizing the need for a nuanced understanding of the socio-political and economic contexts that shape energy sector reforms.

In conclusion, the path forward for Nigeria's power sector necessitates a concerted effort to address the structural and regulatory issues that have hindered the successful implementation of privatization. By doing so, the country can harness the potential benefits of privatization and pave the way for a more reliable, sustainable, and equitable energy future.

Bibliography

- Ibrahim Abubakar, Sarah L Dalglish, Blake Angell, Olutobi Adekunle Sanuade, Ọ̀yẹ Abímbọ́lá, Aishatu L. Adamu, Ifedayo Adetifa, Tim Colbourn, Afolabi Olaniyi Ogunlesi, Obinna Onwujekwe, Eme Owoaje, Iruka N. Okeke, Adebowale Adeyemo, Gambo Aliyu, Muktar H. Aliyu, Sani Aliyu, Emmanuel A. Ameh, Belinda Archibong, Alex Ezeh, Muktar A. Gadanya, Chikwe Ihekweazu, Vivianne Ihekweazu, Zubairu Iliyasu, Aminatu Kwaku Chiroma, Diana A Mabayoje, Mohammed Nasir Sambo, Stephen Obaro, Adesola Yinka-Ogunleye, Friday Okonofua, Tolu Oni, Oluchukwu Onyimadu, Muhammad Ali Pate, Babatunde Lawal Salako, Faisal Shuaib, Fatimah I. Tsiga-Ahmed, Fatima H Zanna, "The Lancet Nigeria Commission: investing in health and the future of the nation", 2022, pp. 1155-1200
- Francis Agboola Oluleye, Alex O Koginam, "Nigeria's Energy Sector Privatization: Reforms, Challenges and Prospects", 2019, pp. 189-197
- George Patton, Susan M. Sawyer, John Santelli, David A. Ross, Rima Afifi, Nicholas B. Allen, Monika Arora, Peter Azzopardi, Wendy Baldwin, Chris Bonell, Ritsuko Kakuma, Elissa Kennedy, Jaqueline Mahon, Terry McGovern, Ali H. Mokdad, Vikram Patel, Suzanne Petroni, Nicola Reavley, Kikelomo Taiwo, Jane Waldfogel, Dakshitha Wickremarathne, Carmen Barroso, Zulfiqar A Bhutta, Adesegun Fatusi, Amitabh Mattoo, Judith Diers, Jing Fang, Jane Ferguson, Fred M. Ssewamala, Russell Viner, "Our future: a Lancet commission on adolescent health and wellbeing", 2016, pp. 2423-2478
- Mba Okechukwu Agwu, "Issues, Challengesand Prospectsof Small and Medium Scale Enterprises (SMEs) in Port-Harcourt City,", 2014, pp. 101-114
- Louis N. Chete, John O. Adeoti, Foluso M. Adeyinka, O. O. Ogundele, "Industrial development and growth in Nigeria: Lessons and challenges", 2014
- Sunday Olayinka Oyedepo, "Energy and sustainable development in Nigeria: the way forward", 2012
- Iwuamadi Obioma C, "Emperical Analysis of Productivity of Nigerian Power Sector", 2012, pp. 24-38
- Klaus Deininger, Derek Byerlee, "The rise of large farms in land abundant countries: Do they have a future?", 2011
- Cyril Obi, Siri Aas Rustad, "Oil and insurgency in the Niger Delta: Managing the complex politics of petroviolence", 2011
- Julio Frenk, Lincoln Chen, Zulfiqar A Bhutta, Jordan J. Cohen, Nigel Crisp, Timothy Evans, Harvey V. Fineberg, Patricia García, Ke Yang, Patrick Kelley, Barry Kistnasamy, Afaf Ibrahim Meleis, David Naylor, Ariel Pablos-Méndez, K. Srinath Reddy, Susan Scrimshaw, Jaime Sepúlveda, David Serwadda, Huda Zurayk, "Health professionals for a new century: transforming education to strengthen health systems in an interdependent world", 2010, pp. 1923-1958
- Palgrave Macmillan, Paul Collier, Catherine Pattillo, Chukwuma C. Soludo, Victoria Kwakwa, Adeola Adenikinju, Peter Mousley, Mavis Owusu-Gyamfi, Xavier Sala-i-Martin, Arvind Subramanian, Xavier Debrun, Paul R. Masson, Christopher Adam, Benedikt Goderis, Olumuyiwa B. Alaba, Philip Osafo, Adeel Malik, Francis Teal, Okechukwu Oji, Chukwuma Agu, Prasad V. S. N. Tallapragada, B. S. Adebusuyi, Adebiyi Gregory Daramola, Simeon K. Ehui, E. U. Ukeje, John P. McIntire, "Economic Policy Options for a Prosperous Nigeria", 2008

- "World Development Indicators 2007", 2007
- Chris Alden, Martyn Davies, "A profile of the operations of Chinese multinationals in Africa", 2006, pp. 83-96
- Matthew Lange, James Mahoney, Matthias vom Hau, "Colonialism and Development: A Comparative Analysis of Spanish and British Colonies", 2006, pp. 1412-1462
- Xavier Sala-i-Martin, Arvind Subramanian, "Addressing the Natural Resource Curse: An Illustration from Nigeria", 2003
- Paul Collier, V. L. Elliot, Håvard Hegre, Anke Hoeffler, Marta Reynal-Querol, Nicholas Sambanis, "Breaking the Conflict Trap: Civil War and Development Policy", 2003
- "Natural Gas: Technologies and Prospects for Nigeria's Energy Future", Energy Market Regulatory Commission, 2024
- "Privatisation and Performance of Electricity Distribution Companies in Nigeria", 2024
- "Roadblocks to Public-Private Partnership on Infrastructure Development in Nigeria", 2024
- "The Impact of Privatization of Power Sector in Nigeria: A Political Economy Approach", 2024
- "Privatisation and Commercialisation in Nigeria: A Study of Power Holding Company (PHCN) of Public Enterprises", International Journal of Social Sciences and Management Research, 2024