

Strengthening Digital-Based Governance in Realizing Good Governance

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Abstract

Digital-based governance has become a fundamental strategy in strengthening government administration and improving public accountability in the era of digital transformation. Governments increasingly adopt digital technologies to improve transparency, efficiency, and responsiveness in policy implementation and public service delivery. Digital governance enables government institutions to integrate administrative systems, simplify bureaucratic procedures, and enhance communication between government agencies and citizens. This study aims to analyze the role of digital governance in strengthening good governance practices and identify factors that influence its successful implementation in public administration. The research applies a qualitative descriptive approach using literature review and policy analysis related to digital governance and administrative reform. The findings indicate that digital governance contributes significantly to improving transparency, accountability, and administrative efficiency. However, several challenges remain, including technological infrastructure disparities, limited digital competence among public officials, and institutional readiness in adopting digital governance frameworks. Strengthening digital capacity, improving institutional coordination, and developing sustainable digital governance policies are crucial strategies to achieve effective and accountable governance.



INTRODUCTION

The development of digital technology has brought significant changes in the governance system in various countries. The government is required to carry out reforms in the public administration system to increase efficiency, transparency, and accountability in the administration of government. Digital transformation in governance is one of the important strategies to create a more effective and responsive government system to the needs of the community. In the context of modern public administration, the use of digital technology allows the government to develop a more transparent policy management system and improve the quality of public services to the public.

The concept of digital governance emerged as one of the main approaches in public administration reform that is oriented towards improving the quality of governance. Digital governance emphasizes the use of information technology in the government administration process and the integration of digital systems in public policy making. Through the implementation of digital governance, the government can improve coordination between government agencies and accelerate the decision-making process in public administration. Thus, digital governance is one of the important instruments in realizing an effective and accountable government system.

The implementation of digital governance also plays an important role in increasing transparency in the administration of government. Digital information systems allow the public to access various information about public policies, budget use, and development programs more openly. This transparency allows the public to supervise the implementation of government policies so that it can increase the accountability of public institutions in carrying out government administrative functions.

In addition to increasing transparency, digital governance can also increase efficiency in the government administration process. The integration of digital information systems allows the government to manage administrative data more effectively and reduce complex bureaucratic procedures. With the existence of a digital-based administrative system, the public service process can be carried out faster and more efficiently so that it can increase public satisfaction with government services.

However, the implementation of digital governance still faces various challenges. One of the main challenges is the limitation of information technology infrastructure in several regions that can affect the effectiveness of the implementation of digital governance systems. In addition, the capacity of human resources in the government bureaucracy is also an important factor in the successful implementation of digital governance.

Therefore, a comprehensive strategy is needed to support the implementation of digital governance in the government administration system. The strategy includes developing information technology infrastructure, increasing the capacity of human resources in the government bureaucracy, and strengthening regulations that support digital transformation in the public sector.

METHOD

This study uses a descriptive qualitative approach to analyze the strengthening of digital-based governance in realizing good governance. The qualitative approach is used because this research aims to understand in depth various concepts of digital governance and their implementation in the government administration system. This method allows researchers to explore various phenomena related to digital transformation in government based on a variety of relevant scientific literature sources.

Research data was obtained through literature review which includes various scientific sources such as academic journals, reference books, research reports, and government policy documents related to digital governance and public administration reform. The literature used is focused on scientific publications that discuss digital governance, public administration innovation, and the implementation of e-government in the government sector.

The data analysis process is carried out through several systematic stages. The first stage is the identification of literature relevant to the research topic. The second stage is data classification based on research themes such as government transparency, public administration efficiency, and public policy accountability. The third stage is an interpretive analysis of the findings of previous research to understand various patterns of digital governance implementation in the government administration system. The final stage is the synthesis of concepts to produce an analytical framework that explains the relationship between digital governance and strengthening good governance.

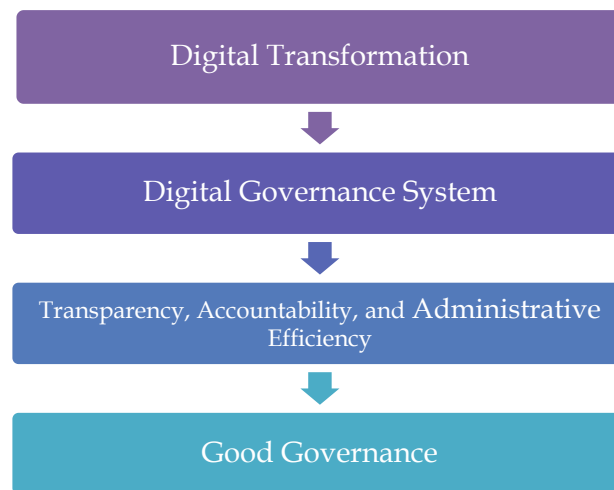


Figure 1. Digital Governance Model in Good Governance

RESULTS AND DISCUSSION

The results of the study show that the implementation of digital governance has a significant influence on strengthening good governance. The use of digital technology allows the government to increase transparency in government administration so that the public can obtain information about public policies more openly. This transparency can increase public trust in the government and strengthen accountability in public administration.

In addition to increasing transparency, digital governance can also increase efficiency in the government administration process. The integration of digital information systems allows the government to manage administrative data more effectively so that the policy-making process can be carried out more quickly and accurately. This administrative efficiency can also improve the quality of public services provided to the community.

Digital governance also provides opportunities for the community to participate more actively in the governance process. Through various digital platforms such as public service portals and public complaint systems, citizens can express their aspirations and provide input on government policies. This community participation can help the government in improving the quality of governance.

However, the implementation of digital governance still faces various challenges that need to be overcome by the government. Limited information technology infrastructure and digital gaps in society can affect the effectiveness of the implementation of the digital government system. Therefore, the government needs to develop a comprehensive strategy to ensure that digital governance can be applied optimally in the government administration system.

CONCLUSION

Digital governance is one of the important strategies in strengthening good governance in the era of digital transformation. The use of digital technology in government administration can increase transparency, efficiency, and accountability in government administration. Digital transformation in governance can also increase public participation in the public policy-making process.

However, the successful implementation of digital governance is highly dependent on the readiness of technological infrastructure and the capacity of human resources in the government bureaucracy. Therefore, the government needs to develop an integrated digital transformation strategy so that the digital governance system can run optimally and be able to realize good governance in a sustainable manner.

REFERENSI

Criado, J. I., Sandoval-Almazan, R., & Gil-Garcia, J. R. (2017). Government innovation through social media.

<https://doi.org/10.1016/j.giq.2016.10.001>

de Vries, H., Bekkers, V., & Tummers, L. (2016). Innovation in the public sector. <https://doi.org/10.1111/puar.12464>

Dunleavy, P., & Margetts, H. (2019). Digital era governance revisited. <https://doi.org/10.1093/jopart/muy060>

Gil-Garcia, J. R., Dawes, S. S., & Pardo, T. A. (2018). Digital government innovation.

<https://doi.org/10.1016/j.giq.2018.05.002>

Janowski, T. (2017). Digital government evolution. <https://doi.org/10.1016/j.giq.2016.04.003>

Kim, S., & Lee, J. (2018). E-participation and transparency. <https://doi.org/10.1111/puar.12846>

Lindgren, I., & Van Veenstra, A. (2018). Digital government transformation. <https://doi.org/10.1016/j.giq.2018.09.003>

Mergel, I., Edelmann, N., & Haug, N. (2019). Digital transformation in government.

<https://doi.org/10.1016/j.giq.2019.06.002>

Meijer, A. (2017). Transparency in governance. <https://doi.org/10.1177/0020852315616758>

Osborne, S. (2018). Public service ecosystems. <https://doi.org/10.1080/14719037.2017.1364401>

Torring, J., Peters, B., Pierre, J., & Sørensen, E. (2020). Interactive governance.

<https://doi.org/10.1093/oso/9780199596756.001.0001>

Wang, H., & Wan Wart, M. (2021). Public leadership. <https://doi.org/10.1111/puar.13276>

Zhang, Y., & Yang, K. (2022). Digital governance and accountability. <https://doi.org/10.1016/j.giq.2021.101640>

Sari, D., & Nugroho, R. (2021). Digital public service governance. <https://doi.org/10.22146/jap.65432>