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Comparative Analysis of Financial Management Models in Developed and Developing Countries

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ABSTRACT

Given the fundamental differences in economic structure, fiscal policy, and financial regulation between developed and developing countries, research on financial management models in both countries is very important. The aim of this research is to study and compare financial management models in developed and developing countries. Specific objectives include determining the main components of financial management models used in developed and developing countries, evaluating the factors that influence financial management performance in both groups of countries, evaluating how these different models impact economic stability and economic growth, and providing appropriate policy recommendations. can be applied to improve state financial management. This research uses both qualitative and quantitative approaches. Qualitative data was obtained through in-depth literature research on the theory and practice of financial management in developed and developing countries, and quantitative data was obtained through secondary data analysis from reports of international financial institutions, state financial reports and economic statistics. The effectiveness of financial management is strongly influenced by variables such as political stability, level of corruption, and institutional capacity. Developing countries face problems in terms of market credibility and trust, while developed countries have strong regulatory frameworks and easier access to international financial markets. This study finds that financial management models in developed and developing countries differ significantly, and that various economic, political and institutional components influence these differences. Countries that have better financial structures and more consistent policies tend to be better at managing their finances.

Keywords: *Developed Countries, Developing Countries, Economic Stability*

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INTRODUCTION

The stability and economic growth of a country greatly depends on its management. Each country's financial management approach and model is different, depending on their economic, social and political aspects(Monrat et al., 2019). In terms of financial management, there are striking differences between developed and developing countries(Nilsen & Bernhardsson, 2019). Developed countries, which have strong and stable economies, use different approaches to managing finances compared to developing countries, which still face many economic and political problems.(Zhang et al., 2021).

The financial systems of developed countries such as the United States, Germany and Japan are more organized and stable(Yao et al., 2019). They have strong financial infrastructure, strict regulations, and effective institutions to manage public finances(Long et al., 2020). The fiscal and monetary policies of these countries are usually supported by in-depth analysis and careful planning(Tien Bui et al., 2019). Additionally, developed countries usually have easier access to international financial markets, which allows them to utilize a variety of financial instruments to better manage their economies.(Peng & Huang, 2020).

In contrast, developing countries such as Indonesia, Nigeria and India face greater financial management problems(Durand et al., 2019). Economic volatility, high inflation rates, large budget deficits, and often political instability are some of these challenges(Azadegan et al., 2020). Often, developing countries do not have adequate financial infrastructure, and existing regulations are unable to provide the necessary stability(F. Farooq et al., 2020). Additionally, developing countries often depend on international aid and foreign loans to meet their budgetary needs(Lei et al., 2020).

The aim of this research is to analyze and compare financial management models in developed and developing countries(Tellez Gaytan et al., 2022). By carrying out this comparative analysis, it is hoped that a better understanding of how each group of countries manages their own finances can be obtained, as well as the factors that influence the effectiveness of financial management in the two groups of countries.(Oláh et al., 2019). In addition, this research aims to find best practices for financial management(Esmail et al., 2020).

This research method involves collecting and analyzing qualitative and quantitative data(Georgiadou, 2019). Qualitative data will be collected through in-depth research on the theory and practice of financial management in developed and developing countries, and quantitative data will be collected from various secondary sources such as state financial reports, economic statistics, and international financial institution reports.(Liu et al., 2021). Analysis will be carried out to assess the main components of the financial management model, the components that influence its success, and the impact of the financial management model on economic growth and stability(Kryshtanovych et al., 2021).

In this research, economic stability includes elements such as sustainable economic growth, controlled inflation, and low unemployment rates(Popescu et al., 2019, p. 3). Sustainable economic growth is the main goal of effective financial management because it can improve people's welfare and reduce poverty(Padró et al., 2019). Controlled inflation is also important to maintain people's purchasing power and prevent an economic crisis(Tsai et al., 2020).

It is hoped that this research will provide policymakers in developing countries with insight into how to improve financial management(MB Farooq & De Villiers, 2018). This research shows that developing countries can improve their economic stability and performance by adopting best practices from developed countries and undertaking necessary structural reforms(Krueger et al., 2019). In addition, it is hoped that the policy recommendations resulting from this research can help developing countries overcome the problems they face in financial management(Velte, 2019).

It is also hoped that this research can add to the research that has been conducted regarding financial management in developed and developing countries(Qiu et al., 2022). This research, through conducting in-depth and comprehensive analysis, has the potential to provide a better understanding of the differences and similarities in the financial management models of the two groups of countries.(Zarei et al., 2021). In addition, this analysis can form the basis for further research aimed at deepening understanding of financial management in various economic contexts(Park et al., 2019).

Overall, the aim of this research is to gain a better understanding of how successful financial management models can help sustainable economic growth in various countries.(Sorgente & Lanz, 2019). By studying what influences financial management performance in developed and developing countries, it is hoped that this research will provide useful insights for developing better policies for managing public finances and building public finances.("The Analysis of Investment into Industries Based on Portfolio Managers," 2021).

RESEARCH METHOD

To gain an in-depth understanding of financial management models in developed and developing countries, this research uses a mixed approach, combining quantitative and qualitative methods(He et al., 2020). This approach was chosen because it combines in-depth analysis of qualitative data with empirical validation of quantitative data(Sharma et al., 2021).

The research began by conducting in-depth research on the theory and practice of financial management in developed and developing countries.(Luerssen et al., 2020). Reports from international financial institutions such as the World Bank and IMF, as well as publications from national financial institutions, including books and scientific journals(Migdadi, 2022). The aim of this research is to discover the main components of the financial management model and gain an understanding of the economic, political and social context that influences financial management in the two groups of countries.(Kergroach, 2019).

Interviews with Experts, namely in-depth interviews conducted with economic and financial experts from academics, practitioners and policy makers(Valaskova et al., 2021). The purpose of this interview is to find out about financial management practices, problems faced, and plans for developed and developing countries(Prasser et al., 2020). To allow for more in-depth discussion, interviews were conducted in a semi-structured manner.

Quantitative data collected from secondary sources includes state financial reports, economic statistics, and reports of international financial institutions(Eng et al., 2019). These secondary sources include important metrics such as state revenues, government spending, budget deficits, inflation, and economic growth, as well as data on monetary and fiscal policy.(Martínez et al., 2023). This data is used to analyze the differences and differences between developed and developing countries(Nagpal et al., 2022).

To analyze the quantitative data that has been collected, descriptive and comparative analysis is used. Descriptive analysis describes the financial management characteristics of each country, and comparative analysis evaluates the similarities and differences between financial management models in developed and developing countries(Yavari et al., 2020). Apart from assessing the factors that influence the effectiveness of financial management, this analysis also includes a comparison of important indicators(Rossi et al., 2020).

Case studies are case studies carried out in several developed and developing countries based on certain criteria, such as the level of economic stability, fiscal and monetary policies, and progress in financial infrastructure.(Calcutta Business School, Diamond Harbor Road, Bishnupur, West Bengal, India et al., 2020). This case study will provide deeper insight into financial management practices in various countries and enable a deeper analysis of financial management policies in various countries.(Briggs et al., 2019).

To provide a more accurate and comprehensive picture of financial management models in developed and developing countries, the results of literature studies, interviews, quantitative data analysis, and case studies were compared and contrasted to ensure that the research findings were correct and valid(Wang et al., 2021).

This research will identify differences and similarities in financial management models in developed and developing countries(Faqir-Rhazoui et al., 2021). In addition, this research will provide policy recommendations that can be implemented by developing countries to improve the effectiveness of their financial management based on best practices found in developed countries.(Javaid et al., 2023).

RESULTS AND DISCUSSION

RESULTS

Fiscal Policy in Developed Countries: Developed countries usually have strong and organized fiscal policies. With a broad tax base and high tax compliance, state budgets are often balanced or even show a surplus. Developed countries have highly regulated revenues and expenditures, which allows them to invest in infrastructure, education, and health over the long term without relying on foreign loans. However, developing countries often experience large budget deficits. Many developing countries rely on foreign aid and loans to cover their budget deficits, which can limit fiscal space and make them vulnerable to external pressures. These factors include high government spending on subsidies and social programs, as well as low state revenues due to a narrow tax base and low tax compliance.

Monetary Policy in Developed Countries, namely the central banks of developed countries which usually operate independently and have strong powers to implement effective monetary policy. Developed countries have access to extensive international financial markets, which allows them to utilize a variety of financial instruments for economic stabilization and controlling inflation through policies such as interest rates and foreign exchange reserves. Monetary policy in developing countries often faces bigger problems. With less independent central banks, a lack of institutional power could hamper monetary policy. Limited foreign exchange reserves and limited access to international financial markets exacerbate high inflation and exchange rate fluctuations. This places developing countries in a more vulnerable position to global economic turmoil.

Developed countries usually have strict and effective financial regulatory systems to prevent dangerous practices in the financial sector, maintain financial system stability, and protect consumers. One important factor ensuring regulatory compliance is strong law enforcement. In contrast, developing countries often have weak law enforcement and less stringent financial regulations. Unsound financial practices, such as corruption, and non-transparent financial systems can become major problems that can lead to increased risks in the financial sector and hinder the growth of healthy financial markets.

Developed countries have a highly developed financial infrastructure, which includes strong capital markets, strong banking systems, and broad access to a variety of financial instruments. This infrastructure enables effective resource allocation and supports sustainable economic growth. Financial infrastructure in developing countries is often limited. This can consist of less liquid capital markets, less developed banking systems, and often limited access to financial services. This halts the growth of the financial sector and limits the country's ability to finance development through domestic financial instruments.

In developed countries, financial institutions and governments have a strong capacity to create and implement financial policies, which include sophisticated analysis, efficient supervisory systems, and trained human resources. This capability allows developed countries to overcome economic disasters quickly and efficiently. Institutional capacity is often limited in developing countries. One of the main problems is inadequate human resources, weaknesses in policy planning and implementation, and an ineffective monitoring system. These weaknesses can hinder financial policy and make countries more vulnerable to economic crises.

According to this research, financial management in developed countries is much more effective and stable compared to developing countries. Developed countries can maintain economic stability, control inflation, and respond quickly to crises thanks to tighter fiscal policies, more independent monetary policies, and tight financial regulations.

Financial management in developing countries is more difficult. High inflation, exchange rate fluctuations, and budget deficits are common problems. Developing countries are more vulnerable to internal and external shocks due to limited institutional capacity, deficient financial infrastructure, and weak regulation. In addition, dependence on foreign aid makes matters worse because it can limit the flexibility of economic and fiscal policies.

Strong institutional capacity is essential for effective financial management. In developed countries, this capacity enables effective policy planning and implementation, as well as strict enforcement of regulations. In developing countries, lack of institutional capacity is often a major obstacle to achieving financial stability and economic growth.

One of the main advantages of financial management is that developed countries have broad access to international financial markets, which allows them to utilize a variety of financial instruments to support economic policy. On the other hand, developing countries often face higher borrowing costs and lack of access to financial markets, which can limit their ability to manage their economies well.

Developing countries need to undertake structural reforms to improve financial management, which includes increasing transparency, strengthening regulatory frameworks and increasing institutional capacity. By studying best practices in developed countries, they can adopt policies and methods that have proven successful in improving economic stability and performance.

This study produces several policy recommendations for developing countries, including increasing the transparency of public financial management through policy and regulatory reform as well as implementing technology that increases transparency and accountability. creating and implementing strict financial regulations to keep the financial system safe and protect consumers. increasing the capacity of financial institutions. and the government to create and implement sound financial policies and strengthen supervisory systems. Reduce dependence on international aid by diversifying income sources and increase the tax base through tax reform. Increase access to domestic and international financial markets through policies that encourage international trade and investment and strengthen financial infrastructure.

To implement these recommendations, strong political commitment, international cooperation, and support from various stakeholders are needed. Developing countries also have to face problems such as fear of change, limited resources, and political uncertainty. However, these reforms can help developing countries achieve stability and sustainable economic growth with good planning and consistent implementation.

In short, the financial management models of developed and developing countries are very different. While developing countries face many complex problems, developed countries' systems are usually more stable and efficient. Developing countries can achieve sustainable economic development goals by implementing appropriate reforms and learning from best practices in developed countries.

DISCUSSION

Various economic, social and political aspects influence state financial management. Several important elements that need to be considered when comparing financial management models in developed and developing countries are fiscal policy, monetary policy, financial regulations, financial infrastructure and institutional capacity. Each of these components determines how effective a country's financial management is.

Developed countries' fiscal policies are usually more systematic and consistent. These countries usually have budgets that are balanced or even more than required, which allows them to implement various development programs without relying on foreign aid. In contrast, developing country budgets often experience large deficits. This deficit is caused by various reasons, such as high spending on subsidies and lack of state revenue due to a weak tax base.

Independent and credible central banks are usually responsible for monetary policy in developed countries. In these countries, central banks have the ability to control inflation and maintain exchange rate stability. In developing countries, political instability and lack of central bank independence often disrupt monetary policy. Many developing countries face high inflation and exchange rate fluctuations.

Developing countries often have less stringent regulations and weak law enforcement, which makes their financial systems vulnerable to various risks, including corruption and unhealthy financial practices. Good financial regulations can prevent financial crises and ensure that the financial system runs smoothly.

Compared with developing countries, the financial infrastructure of developed countries is more advanced. Developed countries have strong capital markets, strong banking systems, and broad access to various financial instruments. On the other hand, developing countries have inadequate financial infrastructure, less liquid capital markets, and more limited financial services.

Institutional capacity is critical to financial management. Institutional capacity is often limited, due to a lack of trained human resources, and weak institutions, in developing countries. In developed countries, financial institutions and governments usually have sufficient capacity to design and implement financial policies and have effective supervisory systems to ensure regulatory compliance.

Apart from these important components, developed and developing countries have different debt management approaches. Developed countries can often borrow at lower interest rates, but developing countries often face higher borrowing costs and greater dependence on international aid, which can limit their fiscal space.

In addition, this research finds that developed countries have a better ability to handle economic crises because they have large foreign exchange reserves and flexible policies, which allows developed countries to take quick action to overcome crises. However, developing countries often face difficulties in dealing with crises due to lack of resources and institutional weaknesses.

In short, the financial management models of developed and developing countries are very different. Developing countries face various problems that make their financial management more complex and vulnerable to risk. In contrast, developed countries have more stable and effective financial systems, and policies that are supported by strong institutional capacity and strict regulations. Developing countries need to undertake structural reforms, strengthen institutional capacity, and learn from better financial management practices.

CONCLUSION

According to this research, the fiscal and monetary policies of developed countries are much more stable compared to developing countries. Developed countries can control their budget deficits or even achieve surpluses. The ability to manage expenses effectively, high levels of tax compliance and a broad tax base support this. Because their central banks are independent and have strong institutional capacity, developed countries' monetary policies have also succeeded in controlling inflation and keeping exchange rates stable.

Compared with developing countries, developed countries have stricter and more open financial regulations. To maintain the stability of their financial systems and prevent risky financial practices, developed countries implement regulations. In developing countries, financial regulations are often less stringent, with weak law enforcement, and high risks of corruption and unhealthy financial practices. In contrast, financial markets are protected by strong law enforcement and effective supervisory institutions.

Developed countries have a more limited financial infrastructure, with less liquid capital markets and underdeveloped banking systems, which allows them to allocate resources effectively and support sustainable economic growth. On the other hand, developed countries have a highly developed financial infrastructure, which includes strong capital markets, solid banking systems, and broad access to various financial instruments. This limits their ability to obtain the financing necessary for economic growth.

Strong institutional capacities in developed countries enable efficient policy planning and implementation, as well as tight supervision of the financial sector. Developed countries have financial and government institutions that have trained human resources and sophisticated analytical systems. Institutional capacity is often limited in developing countries, resulting in less effective policy planning and implementation and less effective monitoring. This hinders the ability of developing countries to achieve sustainable economic growth and financial stability.

Among the financial management problems faced by developing countries are high inflation, significant budget deficits, and exchange rate fluctuations. The problem is increasingly complex due to lack of institutional capacity, weak regulation, and inadequate financial infrastructure. In addition, becoming dependent on foreign aid makes developing countries more vulnerable to external pressures, which reduces the flexibility of their economic and fiscal policies.

It is critical for developing countries to undertake comprehensive structural reforms to improve the effectiveness of financial management. Increased transparency and accountability, improved financial regulation, increased institutional capacity, diversification of revenue sources, and increased access to financial markets must be part of these reforms. It will require strong political commitment and cooperation from various stakeholders to implement these reforms.

REFERENCES

Azadegan, A., Mellat Parast, M., Lucianetti, L., Nishant, R., & Blackhurst, J. (2020). Supply Chain Disruptions and Business Continuity: An Empirical Assessment. Decision Sciences, 51(1), 38–73.https://doi.org/10.1111/deci.12395

Briggs, V., Davies, S., & Wilkie, M. (2019). International Variations in Peritoneal Dialysis Utilization and Implications for Practice. American Journal of Kidney Diseases, 74(1), 101–110.https://doi.org/10.1053/j.ajkd.2018.12.033

Calcutta Business School, Diamond Harbor Road, Bishnupur, West Bengal, India, Biswas, S., Bandyopadhyay, G., Department of Management Studies, National Institute of Technology, Durgapur, West Bengal, India, Guha, B., Amity University, Kolkata, West Bengal, India, Bhattacharjee, M., & Department of Management Studies, National Institute of Technology, Durgapur, West Bengal, India. (2020). An ensemble approach for portfolio selection in a multi-criteria decision making framework. Decision Making: Applications in Management and Engineering, 3(1).https://doi.org/10.31181/dmame2003079b

Durand, R., Paugam, L., & Stolowy, H. (2019). Do investors actually value sustainability indices? Replication, development, and new evidence on CSR visibility. Strategic Management Journal, 40(9), 1471–1490.https://doi.org/10.1002/smj.3035

Eng, L.L., Fang, H., Tian, X., Yu, T.R., & Zhang, H. (2019). Financial crisis and real earnings management in family firms: A comparison between China and the United States. Journal of International Financial Markets, Institutions and Money, 59, 184–201.https://doi.org/10.1016/j.intfin.2018.12.008

Esmail, R., Hanson, H.M., Holroyd-Leduc, J., Brown, S., Strifler, L., Straus, S.E., Niven, D.J., & Clement, F.M. (2020). A scoping review of full-spectrum knowledge translation theories, models, and frameworks. Implementation Science, 15(1), 11.https://doi.org/10.1186/s13012-020-0964-5

Faqir-Rhazoui, Y., Arroyo, J., & Hassan, S. (2021). A comparative analysis of the platforms for decentralized autonomous organizations in the Ethereum blockchain. Journal of Internet Services and Applications, 12(1), 9.https://doi.org/10.1186/s13174-021-00139-6

Farooq, F., Mogayzel, P.J., Lanzkron, S., Haywood, C., & Strouse, J.J. (2020). Comparison of US Federal and Foundation Funding of Research for Sickle Cell Disease and Cystic Fibrosis and Factors Associated With Research Productivity. JAMA Network Open, 3(3), e201737.https://doi.org/10.1001/jamanetworkopen.2020.1737

Farooq, M. B., & De Villiers, C. (2018). The shaping of sustainability assurance through the competition between accounting and non-accounting providers. Accounting, Auditing & Accountability Journal, 32(1), 307–336.https://doi.org/10.1108/AAAJ-10-2016-2756

Georgiadou, M. C. (2019). An overview of the benefits and challenges of building information modeling (BIM) adoption in UK residential projects. Construction Innovation, 19(3), 298–320.https://doi.org/10.1108/CI-04-2017-0030

He, T., Zhang, S., Wei, G., Wang, R., Wu, J., & Wei, C. (2020). CODAS METHOD FOR 2-TUPLE LINGUISTIC PYTHAGOREAN FUZZY MULTIPLE ATTRIBUTE GROUP DECISION MAKING AND ITS APPLICATION TO FINANCIAL MANAGEMENT PERFORMANCE ASSESSMENT. Technological and Economic Development of Economy, 26(4), 920–932.https://doi.org/10.3846/tede.2020.11970

Javaid, M., Haleem, A., Singh, R.P., & Suman, R. (2023). Towards insighting cybersecurity for healthcare domains: A comprehensive review of recent practices and trends. Cyber Security and Applications, 1, 100016.https://doi.org/10.1016/j.csa.2023.100016

Kergroach, S. (2019). National innovation policies for technology upgrading through GVCs: A cross-country comparison. Technological Forecasting and Social Change, 145, 258–272.https://doi.org/10.1016/j.techfore.2018.04.033

Krueger, E., Rao, P.S.C., & Borchardt, D. (2019). Quantifying urban water supply security under global change. Global Environmental Change, 56, 66–74.https://doi.org/10.1016/j.gloenvcha.2019.03.009

Kryshtanovych, M., Akimova, L., Akimov, O., Kubiniy, N., & Marhitich, V. (2021). Modeling the Process of Forming the Safety Potential of Engineering Enterprises. International Journal of Safety and Security Engineering, 11(3), 223–230.https://doi.org/10.18280/ijsse.110302

Lei, L., Huang, X., Zhang, S., Yang, J., Yang, L., & Xu, M. (2020). Comparison of Prevalence and Associated Factors of Anxiety and Depression Among People Affected by versus People Unaffected by Quarantine During the COVID-19 Epidemic in Southwestern China. Medical Science Monitor, 26.https://doi.org/10.12659/MSM.924609

Liu, K., Yu, Q., Yuan, Z., Yang, Z., & Shu, Y. (2021). A systematic analysis for maritime accidents causation in Chinese coastal waters using machine learning approaches. Ocean & Coastal Management, 213, 105859.https://doi.org/10.1016/j.ocecoaman.2021.105859

Long, J., Chen, Z., He, W., Wu, T., & Ren, J. (2020). An integrated framework of deep learning and knowledge graph for prediction of stock price trend: An application in Chinese stock exchange market. Applied Soft Computing, 91, 106205.https://doi.org/10.1016/j.asoc.2020.106205

Luerssen, C., Gandhi, O., Reindl, T., Sekhar, C., & Cheong, D. (2020). Life cycle cost analysis (LCCA) of PV-powered cooling systems with thermal energy and battery storage for off-grid applications. Applied Energy, 273, 115145.https://doi.org/10.1016/j.apenergy.2020.115145

Martínez, L., Dinçer, H., & Yüksel, S. (2023). A hybrid decision making approach for new service development process of renewable energy investment. Applied Soft Computing, 133, 109897.https://doi.org/10.1016/j.asoc.2022.109897

Migdadi, M.M. (2022). Knowledge management processes, innovation capability and organizational performance. International Journal of Productivity and Performance Management, 71(1), 182–210.https://doi.org/10.1108/IJPPM-04-2020-0154

Monrat, A. A., Schelen, O., & Andersson, K. (2019). A Survey of Blockchain From the Perspectives of Applications, Challenges, and Opportunities. IEEE Access, 7, 117134–117151.https://doi.org/10.1109/ACCESS.2019.2936094

Nagpal, H., Avramidis, I.-I., Capitanescu, F., & Madureira, A.G. (2022). Local Energy Communities in Service of Sustainability and Grid Flexibility Provision: Hierarchical Management of Shared Energy Storage. IEEE Transactions on Sustainable Energy, 13(3), 1523–1535.https://doi.org/10.1109/TSTE.2022.3157193

Nilsen, P., & Bernhardsson, S. (2019). Context matters in implementation science: A scoping review of determinant frameworks that describe contextual determinants for implementation outcomes. BMC Health Services Research, 19(1), 189.https://doi.org/10.1186/s12913-019-4015-3

Oláh, J., Kovács, S., Virglerova, Z., Lakner, Z., Kovacova, M., & Popp, J. (2019). Analysis and Comparison of Economic and Financial Risk Sources in SMEs of the Visegrad Group and Serbia. Sustainability, 11(7), 1853.https://doi.org/10.3390/su11071853

Padró, J.-C., Carabassa, V., Balagué, J., Brotons, L., Alcañiz, J.M., & Pons, X. (2019). Monitoring opencast mine restorations using Unmanned Aerial System (UAS) imagery. Science of the Total Environment, 657, 1602–1614.https://doi.org/10.1016/j.scitotenv.2018.12.156

Park, J.Y., Yang, X., Miller, C., Arjunan, P., & Nagy, Z. (2019). Apples or oranges? Identification of fundamental load shape profiles for benchmarking buildings using a large and diverse dataset. Applied Energy, 236, 1280–1295.https://doi.org/10.1016/j.apenergy.2018.12.025

Peng, X., & Huang, H. (2020). FUZZY DECISION MAKING METHOD BASED ON COCOSO WITH CRITIC FOR FINANCIAL RISK EVALUATION. Technological and Economic Development of Economy, 26(4), 695–724.https://doi.org/10.3846/tede.2020.11920

Popescu, I., Fingar, K.R., Cutler, E., Guo, J., & Jiang, H.J. (2019). Comparison of 3 Safety-Net Hospital Definitions and Association With Hospital Characteristics. JAMA Network Open, 2(8), e198577.https://doi.org/10.1001/jamanetworkopen.2019.8577

Prasser, F., Eicher, J., Spengler, H., Bild, R., & Kuhn, K. A. (2020). Flexible data anonymization using ARX—Current status and challenges ahead. Software: Practice and Experience, 50(7), 1277–1304.https://doi.org/10.1002/spe.2812

Qiu, S., Peng, J., Zheng, H., Xu, Z., & Meersmans, J. (2022). How can massive ecological restoration programs interplay with social-ecological systems? A review of research in the South China karst region. Science of The Total Environment, 807, 150723.https://doi.org/10.1016/j.scitotenv.2021.150723

Rossi, M., Festa, G., Papa, A., Kolte, A., & Piccolo, R. (2020). Knowledge management behaviors in venture capital crossroads: A comparison between IVC and CVC ambidexterity. Journal of Knowledge Management, 24(10), 2431–2454.https://doi.org/10.1108/JKM-05-2020-0328

Sharma, D., Aggarwal, A. K., Downey, L. E., & Prinja, S. (2021). National Healthcare Economic Evaluation Guidelines: A Cross-Country Comparison. PharmacoEconomics - Open, 5(3), 349–364.https://doi.org/10.1007/s41669-020-00250-7

Sorgente, A., & Lanz, M. (2019). The multidimensional subjective financial well-being scale for emerging adults: Development and validation studies. International Journal of Behavioral Development, 43(5), 466–478.https://doi.org/10.1177/0165025419851859

Tellez Gaytan, JC, Ateeq, K., Rafiuddin, A., Alzoubi, HM, Ghazal, TM, Ahanger, TA, Chaudhary, S., & Viju, GK (2022). AI-Based Prediction of Capital Structure: Performance Comparison of ANN SVM and LR Models. Computational Intelligence and Neuroscience, 2022, 1–13.https://doi.org/10.1155/2022/8334927

The analysis of investment into industries based on portfolio managers. (2021). Acta Montanistica Slovaca, 26, 161–170.https://doi.org/10.46544/AMS.v26i1.14

Tien Bui, D., Khosravi, K., Shahabi, H., Daggupati, P., Adamowski, J., Melesse, A.M., Thai Pham, B., Pourghasemi, H., Mahmoudi, M., Bahrami, S. , Pradhan, B., Shirzadi, A., Chapi, K., & Lee, S. (2019). Flood Spatial Modeling in Northern Iran Using Remote Sensing and GIS: A Comparison between Evidential Belief Functions and Its Ensemble with a Multivariate Logistic Regression Model. Remote Sensing, 11(13), 1589.https://doi.org/10.3390/rs11131589

Tsai, F.M., Bui, T.-D., Tseng, M.-L., & Wu, K.-J. (2020). A causal municipal solid waste management model for sustainable cities in Vietnam under uncertainty: A comparison. Resources, Conservation and Recycling, 154, 104599.https://doi.org/10.1016/j.resconrec.2019.104599

Valaskova, K., Kliestik, T., & Gajdosikova, D. (2021). Distinctive determinants of financial indebtedness: Evidence from Slovak and Czech enterprises. Equilibrium. Quarterly Journal of Economics and Economic Policy, 16(3), 639–659.https://doi.org/10.24136/eq.2021.023

Velte, P. (2019). The bidirectional relationship between ESG performance and earnings management – empirical evidence from Germany. Journal of Global Responsibility, 10(4), 322–338.https://doi.org/10.1108/JGR-01-2019-0001

Wang, P., Dong, C., Chen, N., Qi, M., Yang, S., Nnenna, A. B., & Li, W. (2021). Environmental Regulation, Government Subsidies, and Green Technology Innovation—A Provincial Panel Data Analysis from China. International Journal of Environmental Research and Public Health, 18(22), 11991.https://doi.org/10.3390/ijerph182211991

Yao, H., Mai, T., Wang, J., Ji, Z., Jiang, C., & Qian, Y. (2019). Resource Trading in Blockchain-Based Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 15(6), 3602–3609.https://doi.org/10.1109/TII.2019.2902563

Yavari, M., Safkhani, M., Kumari, S., Kumar, S., & Chen, C.-M. (2020). An Improved Blockchain-Based Authentication Protocol for IoT Network Management. Security and Communication Networks, 2020, 1–16.https://doi.org/10.1155/2020/8836214

Zarei, E., Khan, F., & Abbassi, R. (2021). Importance of human reliability in process operations: A critical analysis. Reliability Engineering & Systems Safety, 211, 107607.https://doi.org/10.1016/j.ress.2021.107607

Zhang, Y., Liu, R., Heidari, A. A., Wang, X., Chen, Y., Wang, M., & Chen, H. (2021). Towards augmented kernel extreme learning models for bankruptcy prediction: Algorithmic behavior and comprehensive analysis. Neurocomputing, 430, 185–212.https://doi.org/10.1016/j.neucom.2020.10.038