



# THE ROLE OF ESG DISCLOSURE PRACTICES IN INVESTMENT DECISIONS

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## ABSTRACT

**Purpose:** This study explores the role of ESG disclosure practices on investment decisions, focusing on how this information is used by investors for risk assessment and informed choice. It is essential for expanding knowledge about the monetary advantages of sustainable activities. In order to support investors, enhance their ESG practices and promote a more ethical and sustainable business environment, the research attempts to provide insightful analysis and actionable suggestions.

**Design:** This paper delivers a thorough examination of the role served by ESG disclosure practices during the entire process of investment decision-making. Moreover, it furnishes insights pertaining to the advantages, challenges, opportunities for enhancement, and prospective developments linked to these practices.

**Finding:** The findings from the case study unveil novel perspectives on how ESG disclosure practices influence investment decision-making, offering potential assistance to investors in refining their strategies and cultivating a financial system with a stronger emphasis on sustainability. This significantly expands ESG integration knowledge, offering valuable insights for stakeholders pursuing a sustainable financial future.

**Originality value:** ESG disclosure has a crucial part in investment decisions by providing valuable information about a company's ESG performance. This information helps assess risks and opportunities, identify investment themes, and determine effective choices. Companies with robust ESG disclosure attract and retain investors, while investors factoring in ESG considerations enhance their potential for long-term returns.

**Paper type:** Case Study

**KEYWORDS:** ESG (Environmental, Social, and Governance), Investment decision, SWOT Analysis, individual investors, ESG integration.

## 1. INTRODUCTION

There has been a noticeable global trend in recent years towards the inclusion of ESG disclosure in the evaluation of investment options. This trend holds particular significance within the framework of sustainable development, as the incorporation of ESG considerations can contribute to ensuring that investments are in harmony with enduring social and environmental objectives. [Shakil & M. H, 2021]. In today's dynamic financial arena, the traditional focus on purely financial metrics is undergoing a crucial shift. Investors are increasingly integrating ESG considerations into their decision-making processes, particularly concerning asset allocation.

The main role of an ESG disclosure in shaping these investment choices, specifically from the perspective of individual investors. The environmental aspect covers the result of the company's environment, including emissions of greenhouse gases, energy utilisation, waste generation, and resource consumption. The social dimension concentrates on the company's relationships with its clients and suppliers, employees and communities covering elements such as inclusion and diversity, labor practices, human rights, and community engagement [Park, et al.,2021]. Governance deals with the company's internal structure, decision-making processes, and ethical practices, including aspects such as board composition, executive compensation, shareholder rights and anti-corruption measures.

Strong ESG performance in companies has been associated with long-term outperformance compared to their peers, suggesting that investors who prioritize ESG considerations may have the potential to realize improved returns.[Albitar, et al.,2020]. Despite ongoing discussions, there is significant uncertainty regarding the impact of



ESG on capital markets. Unresolved queries persist, encompassing the effectiveness of ESG ratings and the various ways through which diverse ESG factors can influence investment performance. To give investors a clearer understanding of the manners that are used ESG variables influence investing decisions and the best ways to include them in their financial commitment plans, additional research is needed [Kouaib and Amara 2022].

The escalating require for the ESG (Environmental, Social and Governance) investment underscores the growing functions of ESG disclosure in the realm of investment decision-making. Companies that furnish high-quality ESG information find themselves in a more advantageous position to attract and retain investors [Sharma, et al.,2020]. Simultaneously, investors that integrate environmental, social and governance (ESG) considerations into their decision-making procedures also improve their capacity to provide consistent long-term returns [Helfaya, et al.,2023]. In essence, ESG disclosure practices assume a crucial part in choosing investments by furnishing investors with invaluable insights into a company's social, environmental, and governmental performance [Park, et al.,2021]. This information, in turn, proves instrumental in assessing opportunities and risks, discerning potential investment themes, and ultimately facilitating more informed investment decisions.

## 2. RELATED RESEARCH WORK

Researchers have undertaken investigations on the advantages of integrating ESG disclosure practices into investment decisions. Google Scholar was used as a source for accessing journals published from 2018 to 2023, they focused on keywords such as "ESG," "investment decision," "SWOC analysis," "individual investors," and "ESG integration". Additionally, they considered research reports from respected international research groups.

**Table 1 Related publications on ESG Disclosure Practices in Investment Decision Making.**

Sl. No	Focus/Area	Contribution	References
1	ESG and Investment Decisions	The paper provides insightful information for asset managers, regulators, and policymakers. Understanding investor preferences can guide the development of tailored ESG investment products, improve ESG disclosure by companies, and support sustainable investing.	Sultana, et al., [2018]
2	ESG disclosure in determining asset allocation decision	This paper emphasises on the investor discussion about ESG, stressing the need to understand individual preferences in emerging markets where responsible investing is gaining ground. In essence, it highlights how sharing information on social, political, and environmental aspects helps people make sustainable, well-informed investment choices, shaping a better investment landscape.	Naveed, et al., [2018]
3	Integrating alternative data in investment decision making	The paper emphasises the necessity for companies and data providers to enhance the transparency and accessibility of ESG data. This transparency will pave the way for financiers to build trust and confidence in using the data of ESG for informed decision-making and also provides a practical framework and actionable insights for better data transparency in a future where ESG data is a powerful measure for making informed and sustainable investment choices.	S.Y, et al., [2019]
4	ESG Factors on Stock Prices and Investment Performance	The paper provides the regulatory implications of ESG reporting and advocates for sustainable investment practices, aiming to foster a conducive environment for responsible investing. The identification of existing knowledge gaps highlights opportunities for future research to deepen our understanding of the complex interplay between ESG and financial performance. This pursuit of knowledge aims to contribute to ongoing advancements in the domain, providing valuable insights for investors, policymakers, and researchers.	Kulal, et al., [2023]
5	Effects of ESG management on investment decision	This study shows how ESG factors specific to each country influence institutional investments. It helps investors, asset managers, and policymakers understand sustainable investing better. The research emphasises the importance of accurate ESG data and supportive rules, making it easier for country-specific ESG integration to grow in the future.	Park, et al., [2021]
6	ESG Disclosure on Firm Performance	This study provide support for the notion that organizations demonstrating greater transparency in disclosing their ESG initiatives tend to exhibit better performance, as gauged by return on equity. This	Triyani, et al., [2020]



		reinforces the idea that companies may experience enhanced business operations, benefiting the environment, society, and the organization itself, through the practice of transparently communicating their ESG policies.	
7	Corporate investment decisions	The research undertaken significantly improves our comprehension of how individual investors incorporate ESG information when making investment decisions. Its practical insights lay the groundwork for individuals to make more informed and sustainable investment choices, thereby fostering a financial landscape that is both environmentally friendly and socially responsible.	Park, et al., [2022]
8	Sustainability issues into investment decision.	This study demonstrates that the importance of considering all three dimensions of ESG in investment decisions increases when investors adopt a longer-term perspective. This observation sheds light on the evolving dynamics of ESG integration in various investment strategies, with a tendency to emphasize developed markets or institutional investors over time.	Efimova & O. V [2018]

### 3. RESEARCH OBJECTIVES

- (1) To understand the impacts of ESG disclosure practices on specific investment decisions.
- (2) To study the investor motivations for considering ESG disclosure practices.
- (3) To identify the effectiveness of a specific ESG disclosure practice.
- (4) To conduct SWOC (Strengths Weaknesses Opportunities & Challenges) analysis for integrating ESG into investment decisions.

### 4. RESEARCH METHODOLOGY

This paper aims to construct a conceptual framework through the formulation of a model grounded in available data and existing literature. The model's effectiveness will be evaluated using the SWOC (Strengths, Weaknesses, Opportunities, and Challenges) listing framework. In order to conduct this study, data from secondary sources will be collected from diverse sources, including case studies, websites, research papers, literature reviews, e-papers, and other extensive references. Access to these sources will be facilitated through search engines like Google Scholar.

### 5. IMPACTS OF ESG DISCLOSURE PRACTICES ON SPECIFIC INVESTMENT DECISIONS

This research investigates have an impact of providing comprehensive details on a company's ESG practices on investor decisions. It seeks to understand how enhancing the accessibility and quality of ESG details can empower investors to make informed choices. The study critically assesses current disclosure practices, comparability, examining data quality and the potential presence of tactics that could create a more favourable ESG image than the actual reality [Bizoumi, et al., 2019]. Beyond issue identification, the research proposes solutions, advocating for measures like standardized reporting rules, independent verification processes, and increased transparency to enhance the efficacy of ESG data. By exploring the interconnected nature of these factors, the study seeks to offer a comprehensive understanding of how ESG disclosures influence the decisions of major investors [Pulino, et al., 2022]. Taking a comprehensive approach, it considers the interplay between country-specific contexts, investor preferences, and company disclosures. Recognizing the varying importance of certain ESG elements in different countries, the research investigates how institutional investors adjust their considerations when evaluating companies or markets facing unique social, environmental, and governmental challenges. Ultimately, better disclosure of ESG data facilitates improved decision-making for investors, enabling them to make informed and sustainable choices based on clear and accurate information provided by companies about their environmental impact, social policies, and governance practices [Raimo, et al., 2021].

### 6. INVESTOR MOTIVATIONS FOR CONSIDERING ESG DISCLOSURE PRACTICES

Investors have diverse motivations for considering ESG (environmental, social and governance) disclosure practices, it can be categorised into three main groups. Financial motivations include the ESG disclosures for risk mitigation, understanding potential reasons that may affect a company's financial performance, and enhancing long-term returns. Moreover, companies demonstrating robust ESG practices not only attract talent



and foster customer loyalty but also attain operational efficiencies, ultimately bolstering their overall financial performance [Ali, et al., 2022]. Aligning with the regulatory framework is another financial motivation, as increasingly stringent ESG regulations may penalise enterprises with insufficient practices, prompting investors to stay ahead and avoid future financial penalties. Ethical and values-based motivations involve investors aligning their values with responsible investing and prioritising positive environmental and social impacts. Societal impact and management reputation are also crucial considerations, allowing investors to assist towards the beneficial change while maintaining a responsible and sustainable image [Naeem and Cankaya 2022]. Lastly, strategic and competitive advantages encompass attracting a wider investor base, differentiating from competitors, and fostering enhanced investor engagement through transparent ESG disclosures. Overall, these motivations underscore the multifaceted reasons driving investors to increasingly prioritise ESG disclosure practices, recognising the interconnectedness of financial, ethical and strategic considerations in investment decision-making [Palacios, 2021].

## 7. EFFECTIVENESS OF A SPECIFIC ESG DISCLOSURE PRACTICES

The effectiveness of a specific ESG (Environmental, Social and Governance) disclosure practice is a complex and detailed topic with key considerations. Different types of disclosure practices, including completeness, transparency, metrics, quality, and accessibility, play a crucial part in determining overall effectiveness [Triyani, et al., 2020]. The components such as standardization, independent verification, stakeholder engagement, and the framework for regulation significantly affect the perception of these behaviours. Evaluating effectiveness involves assessing their impact on investor decisions, influence on company behaviour, and contribution to broader societal impacts [Mohamad, et al., 2021]. However, it is important to recognize challenges such as data comparability, the potential for greenwashing, and the necessity for a balanced consideration of short-term and long-term perspectives. Despite these hurdles, well-crafted, transparent, and authenticated ESG disclosures hold the potential to empower investors, catalyse positive shifts in company behaviour, and contribute to societal well-being, rendering ESG a dynamic and continually evolving field.

## 8. SWOC (STRENGTHS WEAKNESSES OPPORTUNITIES&CHALLENGES) ANALYSIS FOR INTEGRATING ESG INTO INVESTMENT DECISIONS

The SWOC framework serves as a common tool for measuring and analysing a company's competitive position. Its primary purpose is to evaluate corporate plans and develop a business strategy that supports organizations [Bhattacharya and Sharma 2019]. This framework is utilized by organizations to ascertain their opportunities, weaknesses, strengths and challenges. Investors have the opportunity to devise proficient strategies for ESG factors should be incorporated into their investment decisions. By fostering collaboration, encouraging innovation, and promoting continuous education, the realm of ESG investing holds the potential for ongoing evolution and a positive influence on both financial markets and the global landscape [Rau and Yu 2023].

### 8.1 STRENGTHS

The strengths of integrating ESG into investment decisions are as follows:

1. ESG research highlights social, environmental, and governmental concerns that standard models might overlook, surpassing the scope of merely detecting and minimising financial hazards. This expanded viewpoint allows for the deployment of proactive mitigation strategies, diminishing the probability and consequences of unforeseen disruptions.
3. Organisations that prioritise (ESG) environmental, social and governance disclosure attract and retain top abilities by fostering a purpose-driven work environment, promoting improved work-life balance, and offering opportunities for social impact. This, in turn, enhances financial performance through a more motivated and effective staff [Esteves-Miranda, et al., 2020].
4. Investors play an active role in fostering sustainability and future by supporting businesses committed to ethical behaviour. This aligns along with personal convictions, but it also yields enduring social advantages, nurturing a more resilient and inclusive global economy.
5. Consumers increasingly choose brands based on their values and commitment to sustainability. Robust ESG policies enable businesses to gain trust and loyalty, thereby boosting their market share and brand value.
6. Significant investment prospects exist in the green transport, renewable energy, and circular economy sectors, driven by advancements in technology and green infrastructure projects. By incorporating ESG considerations, investors can proactively participate in these emerging markets [Bahadori, et al., 2021].
7. Corporate governance, social responsibility, and climate change regulations are evolving rapidly. Strong ESG profiles help businesses avoid potential legal ramifications and brand harm by better preparing them to adapt to and comply with these changes.



## 8.2 WEAKNESSES

The weaknesses of integrating ESG into investment decisions are as follows:

1. In certain industries or regions, investors might encounter difficulties in accessing ESG investment options that meet stringent quality standards, compelling them to compromise on their preferred portfolio allocations [Alda, 2021].
2. Accessing and analysing reliable ESG content can be expensive, especially for individual investors, potentially restricting broader participation in ESG investing.
3. Performance Evaluation Having trouble with ESG integration can have concrete benefits that are hard to measure since it could be difficult to attribute financial performance directly to ESG elements.
4. A significant number of investors still possess insufficient education and awareness regarding ESG factors, giving rise to a knowledge gap that may impede the broader utilisation of these principles.
5. The presence of various ESG rating agencies and methodologies might lead to inconsistency and perplexity for investors trying to evaluate the effectiveness of ESG companies. [Linnenluecke, 2022].
6. Investors might encounter difficulty in prioritizing long-term environmental, social and governance considerations and allocating capital to projects with extended payback periods, given the financial markets' emphasis on short-term profits.

## 8.3 OPPORTUNITIES

The opportunities of integrating ESG into investment decisions are as follows:

1. Enhancing ESG assessment through innovation presents an opportunity for the advancement of novel tools and metrics that can enhance data quality, comparability, and the capability to detect greenwashing.
2. The Sustainability Accounting Standards Board is spearheading the growth of industry-specific ESG reporting standards to enhance comparability, while governments are tightening ESG disclosure regulations for transparency, aiming to ensure consistent company assessments [Peng and Isa 2020].
3. Gaining insights through interactions with companies, NGOs, and various stakeholders can be valuable in shaping and informing investment decisions.
4. The increasing demand for investment products centred around ESG criteria offers investors a variety of diverse and convenient options.
5. Providing education to investors on the financial advantages of investing in ESG has the potential to attract a broader participant base and fuel market growth. Simultaneously, emphasizing the environmental and societal benefits can expedite the movement towards sustainability. [López-Cabarcos, et al., 2023]
6. Consumers are progressively selecting brands aligned with their standards and dedicated to sustainability. Firms utilising strong ESG procedures cultivate trust and loyalty, resulting in expanded market share and enhanced brand value, ultimately benefiting investors over a long period of time.

## 8.4 CHALLENGES

1. The following challenges are associated with integrating ESG into investment decisions:
2. Integrating ESG elements effectively into existing decision-making processes and investment models necessitates significant adaptation and refinement of traditional approaches, posing a potential resource-intensive challenge for some institutions.
3. A lack of investment options poses challenges to certain sectors or geographic regions where accessibility of high-quality ESG investment options might be limited, compelling investors to compromise on their ideal allocation.
4. The rapid development of new ESG metrics and frameworks can result in confusion and inconsistency, posing a challenge when comparing companies across sectors and over time [Taliento, et al., 2019].
5. Current ESG tools and resources frequently prioritise larger, publicly traded companies, overlooking possible effects on ESG concerns in smaller businesses and private companies.
6. The prospect of bias represents a challenge, as human subjectivity and implicit biases may infiltrate ESG analysis, potentially resulting in inaccurate assessments of the unfair allocation of finances and companies' performance.
7. Difficulty attributing performance is also a challenge, as isolating the specific ESG disclosure's impact on financial performance can be challenging, making it difficult to quantify the tangible advantages of ESG incorporation [Feng, et al., 2022].

## 9. FINDINGS

1. ESG information significantly influences investment allocation decisions. Investors with access to ESG information clearly prefer enterprises with strong ESG practices, highlighting the positive impact of such information on their investment preferences.



2. Governance information exerts the greatest influence among the three ESG dimensions. Investor decisions are most significantly impacted by governance information, indicating that investors prioritize companies with best practices for governance when allocating their investments.
3. Several moderating factors influence the relationship, including firm size, industry, and the regulatory environment. Moreover, the pivotal role is played by the accuracy and quality of ESG disclosures.
4. The individual dimensions of ESG may exert distinct effects. Environmental factors are frequently linked to positive performance outcomes, whereas the consequence of social and governance disclosures is more nuanced and contingent on the specific practices implemented.
5. Existing research provides varied evidence regarding the connection between firm performance and ESG disclosure. Some studies indicate a positive correlation, implying that enterprises with rigorous guidelines for ESG disclosure and high disclosure levels outperform their peers. Conversely, other studies report no significant relationship or even a negative association.
6. Motivations for ESG disclosure encompass regulatory compliance, investor demands, branding and reputation management, and developing consciousness of sustainability issues.
7. The technology sector demonstrates notable proficiency in environmental disclosures, excelling in this domain. Conversely, companies in the finance sector prioritize governance. The healthcare sector, in contrast, adopts a well-balanced approach across all three dimensions, underscoring industry-specific priorities.
9. Companies that openly share information about their environmental, social and governance disclosures have a tendency to do well financially. People think these companies are less risky and can handle challenges better, making them attractive to investors who care about long-term sustainability.

## 10. SUGGESTIONS

Companies should enhance governance and social disclosures for an all-encompassing view of sustainability practices, detailing board structures, executive compensation, and community engagement. Emphasize standardized ESG reporting using frameworks like GRI or SASB for better comparability and reliable data. Create ESG frameworks tailored to specific industries for accurate sector assessments. Include forward-looking ESG goals to attract investors focused on long-term sustainability. Involve a diverse range of stakeholders, including customers and employees, for comprehensive ESG insights. Conduct awareness campaigns to educate stakeholders on ESG's positive impact. Advocate incorporating ESG principles into overall corporate strategy to reinforce its importance. Explore innovative ESG metrics for a nuanced understanding of sustainability efforts. Benchmark ESG performance against industry leaders to inspire innovation. Establish a system for continuous ESG monitoring and reporting for transparency and stakeholder trust.

## 11. CONCLUSION

ESG disclosure is of significant value to individual investors, enhancing transparency and facilitating informed decision-making. Overcoming challenges like information overload and data consistency requires the execution of standardised reporting, education initiatives, and ongoing research efforts. This comprehensive, non-exclusive approach fosters a landscape of sustainable investments but also empowers individual investors to actively advocate for the environmental, social and governance best practices. Research results highlight the multifaceted influence of ESG disclosure procedures on investment decisions, corporate responsibility and company standing. The recommendations centre on steering companies towards improving their ESG practices, aligning with the evolving expectations of investors and stakeholders. Although the connection between fiscal outcomes and ESG disclosure is complex, mounting evidence indicates that ESG practices play a substantial part in the long-term growth of value. Continuous research and enhanced disclosure practices are essential to further progress towards a sustainable and responsible business landscape.

## REFERENCES

1. Shakil, M. H. (2021). *Environmental, social and governance performance and financial risk: Moderating role of ESG controversies and board gender diversity*. *Resources Policy*, 72, 102144.
2. Park, S. R., & Jang, J. Y. (2021). *The impact of ESG management on investment decision: Institutional investors' perceptions of country-specific ESG criteria*. *International Journal of Financial Studies*, 9(3), 48.
3. Albitar, K., Hussainey, K., Kolade, N., & Gerged, A. M. (2020). *ESG disclosure and firm performance before and after IR: The moderating role of governance mechanisms*. *International Journal of Accounting & Information Management*, 28(3), 429-444.
4. Kouaib, A., & Amara, I. (2022). *Corporate social responsibility disclosure and investment decisions: Evidence from Saudi indexed companies*. *Journal of Risk and Financial Management*, 15(11), 495.



5. Sharma, P., Panday, P., & Dangwal, R. C. (2020). Determinants of environmental, social and corporate governance (ESG) disclosure: a study of Indian companies. *International Journal of Disclosure and Governance*, 17, 208-217.
6. Helfaya, A., Morris, R., & Aboud, A. (2023). Investigating the Factors That Determine the ESG Disclosure Practices in Europe. *Sustainability*, 15(6), 5508.
7. Brooks, C., & Oikonomou, I. (2018). The effects of environmental, social and governance disclosures and performance on firm value: A review of the literature in accounting and finance. *The British Accounting Review*, 50(1), 1-15.
8. Sultana, S., Zulkifli, N., & Zainal, D. (2018). Environmental, social and governance (ESG) and investment decision in Bangladesh. *Sustainability*, 10(6), 1831.
9. Naveed, M., Sohail, M. K., Abdin, S. Z., Awais, M., & Batool, N. (2020). Role of ESG disclosure in determining asset allocation decision: An individual investor perspective. *Paradigms*, 14(1), 157-165.
10. In, S. Y., Rook, D., & Monk, A. (2019). Integrating alternative data (also known as ESG data) in investment decision making. *Global Economic Review*, 48(3), 237-260.
11. Kunal, A., Abhishek, N., Dinesh, S., & Divyashree, M. S. (2023). Impact of Environmental, Social, and Governance (ESG) Factors on Stock Prices and Investment Performance. *Macro Management & Public Policies*, 5(2), 14-26.
12. Xie, J., Nozawa, W., Yagi, M., Fujii, H., & Managi, S. (2019). Do environmental, social, and governance activities improve corporate financial performance?. *Business Strategy and the Environment*, 28(2), 286-300.
13. Almeyda, R., & Darmansya, A. (2019). The influence of environmental, social, and governance (ESG) disclosure on firm financial performance. *IPTEK Journal of Proceedings Series*, (5), 278-290.
14. Park, S. R., & Oh, K. S. (2022). Integration of ESG information into individual investors' corporate investment decisions: Utilizing the UTAUT framework. *Frontiers in Psychology*, 13, 899480.
15. Efimova, O. V. (2018). Integrating sustainability issues into investment decision evaluation. *Journal of Reviews on Global Economics*, 7(495), 668-681.
16. de Silva Lokuwaduge, C. S., & de Silva, K. (2020). Emerging corporate disclosure of environmental social and governance (ESG) risks: An Australian study. *Australasian Accounting, Business and Finance Journal*, 14(2), 35-50.
17. Alsayegh, M. F., Abdul Rahman, R., & Homayoun, S. (2020). Corporate economic, environmental, and social sustainability performance transformation through ESG disclosure. *Sustainability*, 12(9), 3910.
18. Bizoumi, T., Lazaridis, S., & Stamou, N. (2019). Innovation in stock exchanges: Driving ESG disclosure and performance. *Journal of Applied Corporate Finance*, 31(2), 72-79.
19. Pulino, S. C., Ciaburri, M., Magnanelli, B. S., & Nasta, L. (2022). Does ESG disclosure influence firm performance? *Sustainability*, 14 (13), 1-18.
20. Raimo, N., Caragnano, A., Zito, M., Vitolla, F., & Mariani, M. (2021). Extending the benefits of ESG disclosure: The effect on the cost of debt financing. *Corporate Social Responsibility and Environmental Management*, 28(4), 1412-1421.
21. Ali, Q., Salman, A., & Parveen, S. (2022). Evaluating the effects of environmental management practices on environmental and financial performance of firms in Malaysia: the mediating role of ESG disclosure. *Heliyon*, 8(12).
22. Naeem, N., & Cankaya, S. (2022). The impact of ESG performance over financial performance: A study on global energy and power generation companies. *International Journal of Commerce and Finance*, 8(1), 1-25.
23. Palacios, L. (2021). The impact of ESG on national oil companies. *Center on Global Energy Policy*.
24. Triyani, A., Setyahuni, S. W., & Kiryanto, K. (2020). The effect of Environmental, Social And Governance (ESG) disclosure on firm performance: The role of Ceo Tenure. *Jurnal Reviu Akuntansi Dan Keuangan*, 10(2), 261-270.
25. Mohamad, N. E. A., Saad, N. M., & Abdullah, F. N. (2021). Comparative Analysis of Environmental, Social and Governance (ESG) Implementations across Asia. *Global Business & Management Research*, 13.
26. Bhattacharya, S., & Sharma, D. (2019). Do environment, social and governance performance impact credit ratings: a study from India. *International Journal of Ethics and Systems*, 35(3), 466-484.
27. Rau, P. R., & Yu, T. (2023). A survey on ESG: investors, institutions and firms. *China Finance Review International*.
28. Esteves-Miranda, V., Liao, W., Abington-Prejean, E., & Parker, C. (2020). Incorporating ESG Strategy in DEI for Leadership Roles in Higher Education.
29. Bahadori, N., Kaymak, T., & Seraj, M. (2021). Environmental, social, and governance factors in emerging markets: The impact on firm performance. *Business Strategy & Development*, 4(4), 411-422.
30. Alda, M. (2021). The environmental, social, and governance (ESG) dimension of firms in which social responsible investment (SRI) and conventional pension funds invest: The mainstream SRI and the ESG inclusion. *Journal of Cleaner Production*, 298, 126812.
31. Hoepner, A., Oikonomou, I., Scholtens, B., & Schröder, M. (2016). The effects of corporate and country sustainability characteristics on the cost of debt: An international investigation. *Journal of Business Finance & Accounting*, 43(1-2), 158-190.
32. Peng, L. S., & Isa, M. (2020). Environmental, social and governance (ESG) practices and performance in Shariah firms: agency or stakeholder theory?. *Asian Academy of Management Journal of Accounting & Finance*, 16(1).
33. López-Cabarcos, M. Á., Santos-Rodrigues, H., Quiñoa-Piñeiro, L., & Piñeiro-Chousa, J. (2023). How to explain stock returns of utility companies from an environmental, social and corporate governance perspective. *Corporate*



- Social Responsibility and Environmental Management.*
34. Taliento, M., Favino, C., & Netti, A. (2019). *Impact of environmental, social, and governance information on economic performance: Evidence of a corporate 'sustainability advantage' from Europe.* *Sustainability*, 11(6), 1738.
  35. Feng, G. F., Long, H., Wang, H. J., & Chang, C. P. (2022). *Environmental, social and governance, corporate social responsibility, and stock returns: What are the short-and long-Run relationships?.* *Corporate Social Responsibility and Environmental Management*, 29(5), 1884-1895.
  36. Brogi, M., & Lagasio, V. (2019). *Environmental, social, and governance and company profitability: Are financial intermediaries different?.* *Corporate Social Responsibility and Environmental Management*, 26(3), 576-587.
  37. Vinodkumar, N., & Alarifi, G. (2022). *Environmental social governance: A core value to responsible stakeholders and stock market sustainability in the Kingdom of Saudi Arabia.* *Journal of Sustainable Finance & Investment*, 12(4), 1085-1101.
  38. Atif, M., Liu, B., & Nadarajah, S. (2022). *The effect of corporate environmental, social and governance disclosure on cash holdings: Life-cycle perspective.* *Business Strategy and the Environment*, 31(5), 2193-2212.
  39. Maji, S. G., & Lohia, P. (2023). *Environmental, social and governance (ESG) performance and firm performance in India.* *Society and Business Review*, 18(1), 175-194.
  40. Ruan, L., & Liu, H. (2021). *Environmental, social, governance activities and firm performance: Evidence from China.* *Sustainability*, 13(2), 767.