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Exploring the Intersection of Corporate Social Responsibility and Sustainable Practices: A Bibliometric Analysis

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Abstract: *This study conducts a bibliometric analysis to explore the intersection of corporate social responsibility (CSR) and sustainable practices, examining global research trends, thematic clusters, and influential contributors from 2005 to 2025. Using data from the Web of Science database, the analysis identifies significant growth in research output over the last decade, driven by increasing attention to sustainability and corporate accountability. Key themes include environmental impact assessment, community engagement, and the integration of technology into sustainable practices. Despite these advancements, notable gaps persist, such as limited focus on long-term socio-economic impacts, regional disparities in research, and insufficient interdisciplinary approaches. The mapping process is done via Prisma framework. The mapping process is done by using R tool (Biblioshiny) and VOS Viewer. The search methodology involves focusing on a specific subject area and using titles, keywords, and abstracts of the study materials. The search methodology involves focusing on a specific subject area and using titles, keywords, and abstracts of the study materials.*

Keywords: *Corporate Social Responsibility, Bibliometric Analysis, Sustainability, Bibliometric Analysis, Biblioshiny, VOS Viewer*

I. INTRODUCTION

The growing concerns over environmental degradation, social inequality, and corporate accountability have led to an increasing focus on the integration of corporate social responsibility (CSR) and sustainable practices. CSR, broadly defined as a corporation's commitment to ethical behavior, environmental stewardship, and stakeholder engagement, has emerged as a critical strategy in addressing global challenges (Carroll, 1991). Concurrently, sustainable practices, which emphasize the efficient and equitable use of resources to ensure long-term ecological and social well-being, have become essential for achieving the United Nations' Sustainable Development Goals (SDGs) (United Nations, 2015). The intersection of CSR and sustainability represents a strategic domain where businesses can align their operations with societal expectations while fostering innovation and competitive advantage.

Research on the convergence of CSR and sustainability has witnessed substantial growth in recent years. Scholars have explored topics ranging from the integration of environmental, social, and governance (ESG) metrics in corporate decision-making to the role of CSR in driving stakeholder value and organizational resilience (Freeman et al., 2004; Elkington, 1997). Despite the proliferation of studies, there remains a need for a systematic examination of the literature to identify key trends, influential works, and emerging themes in this dynamic field. Bibliometric analysis, which employs quantitative methods to map the intellectual structure of research domains, offers a robust approach to address this gap (Donthu et al., 2021).

This study aims to provide a comprehensive bibliometric analysis of the intersection of CSR and sustainable practices. By analyzing a corpus of scientific publications, this research identifies the most influential sources, key contributors, and thematic clusters that have shaped the discourse. The findings offer insights into the evolution of the field and highlight future research directions that can advance the understanding and implementation of CSR and sustainability. This work contributes to the broader literature by fostering a deeper understanding of the synergies between corporate responsibility and sustainable development initiatives.

RQ1 What are the global research trends in the study of Corporate Social Responsibility and Sustainable Practices research trends and global pattern from 2003 to 2024, as revealed by bibliometric analysis?

RQ2 Which themes and topics are most prevalent in the scholarly literature on Corporate Social Responsibility and Sustainable Practices and the perspective of bibliometric analysis, and how have these themes evolved over time?

II. OBJECTIVES OF THE STUDY

- To analyze global research patterns related to Corporate Social Responsibility and Sustainable Practices, covering the period from 2005 to 2025, using bibliometric methods.
- To identify key research clusters and thematic areas within the existing literature on Corporate Social Responsibility and Sustainable Practices and global patterns, including emerging trends and gaps in the research.

TITLE-ABS-KEY ("Corporate Social Responsibility and Sustainable Practices")

Data Extracted from Web of Science Data Base

A. Identification

Records identified through database searching (Web of Science): n = 2261

B. Screenin

- Records Limits to Period and Articles Only – 2078
- Period (2005 to 2025): n = 2073
- Language limits to English - 2063
- Records after limiting to specified subject areas: n = 1071
- Limits to Areas – Social Science and Business Economics

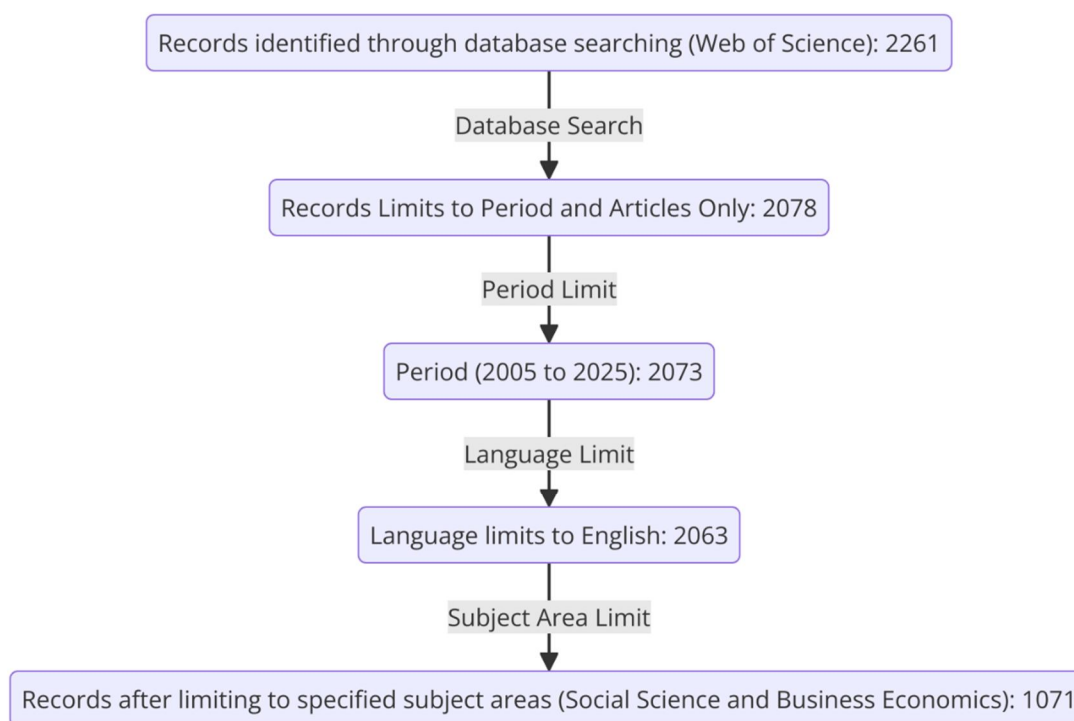


Figure 1 Prisma Framework (Compiled by Authors)

III. METHODOLOGY

This study bibliometric analysis to examine research trends and thematic developments at the intersection of corporate social responsibility (CSR) and sustainable practices. Data were extracted from the Web of Science database using the search term "Corporate Social Responsibility and Sustainable Practices," resulting in a dataset of 2,261 records. These records were refined by applying filters for publication period (2005–2025), document type (articles only), and subject areas (Social Science and Business Economics), yielding 1,071 relevant articles. The analysis utilized established bibliometric tools, including Biblioshiny and VOSviewer, to map citation networks, co-citation patterns, and thematic clusters. Key indicators such as the most influential authors, sources, and keywords were analyzed to identify major contributors and evolving research themes. The Prisma framework was followed to ensure a systematic and transparent review process.

This methodological approach provides a structured foundation for understanding the intellectual structure and global research patterns in the field. Exclusion criteria ensured non-relevant subject areas were removed, maintaining data integrity and specificity (Zupic & Čater, 2015). Finally, bibliometric analysis was conducted on the refined dataset using citation analysis and co-citation networks to identify influential publications, authors, and themes in Corporate Social Responsibility and Sustainable Practices research. This methodological approach facilitates a structured, replicable, and transparent review of research patterns and intellectual structure within Corporate Social Responsibility and Sustainable Practices studies.

IV. RESULTS AND DISCUSSION

A. Performance analysis

The first analysis reveals a summary of the performance as presented **Table 1**.

| Main Information About Data | |
|---------------------------------|-----------|
| Timespan | 2005-2025 |
| Sources (Journals, Books etc) | 222 |
| Documents | 1071 |
| Average citations per documents | 43.65 |
| Documents Average Age | 4.23 |
| Documents Contents | |
| Keywords Plus (ID) | 1787 |
| Author's Keywords (DE) | 3134 |
| Authors | |
| Authors | 2915 |
| Authors of single-authored docs | 108 |
| Authors Collaboration | |
| Single-authored docs | 115 |
| Co-Authors per Doc | 3.13 |
| International co-authorship % | 39.03 |
| Document Types | |
| Articles | 959 |
| Articles; early access | 97 |
| Article; proceedings paper | 14 |

Source: Compiled by Authors (Biblioshiny)

Table 1, describes 1071 documents published between 2005 and 2025 across 222 sources, including journals and books. Exhibiting a robust annual growth rate of 28.19%, the field is rapidly expanding. The performance analysis presented in Table 1 offers a comprehensive overview of the dataset spanning from 2005 to 2025. During this 20-year period, the analysis encompasses 1,071 documents sourced from 222 diverse outlets, including journals and books, demonstrating a broad range of scholarly contributions. On average, each document has been cited 43.65 times, highlighting a significant impact and relevance within the academic community. The documents are relatively recent, with an average age of 4.23 years, suggesting that the dataset predominantly includes up-to-date research.

In terms of content richness, the documents feature a substantial number of keywords, with 1,787 Keywords Plus (ID) and 3,134 authors' keywords (DE), indicating a wide variety of research topics and themes covered. The authorship analysis reveals a robust network of 2,915 authors contributing to the body of work.

Notably, only 108 documents are single-authored, while the majority engage multiple authors, reflecting a strong trend towards collaborative research. On average, each document involves 3.13 co-authors, and international collaboration is prominent, accounting for 39.03% of the documents. This high level of international co-authorship underscores the global nature of the research efforts and the importance of cross-border academic partnerships.

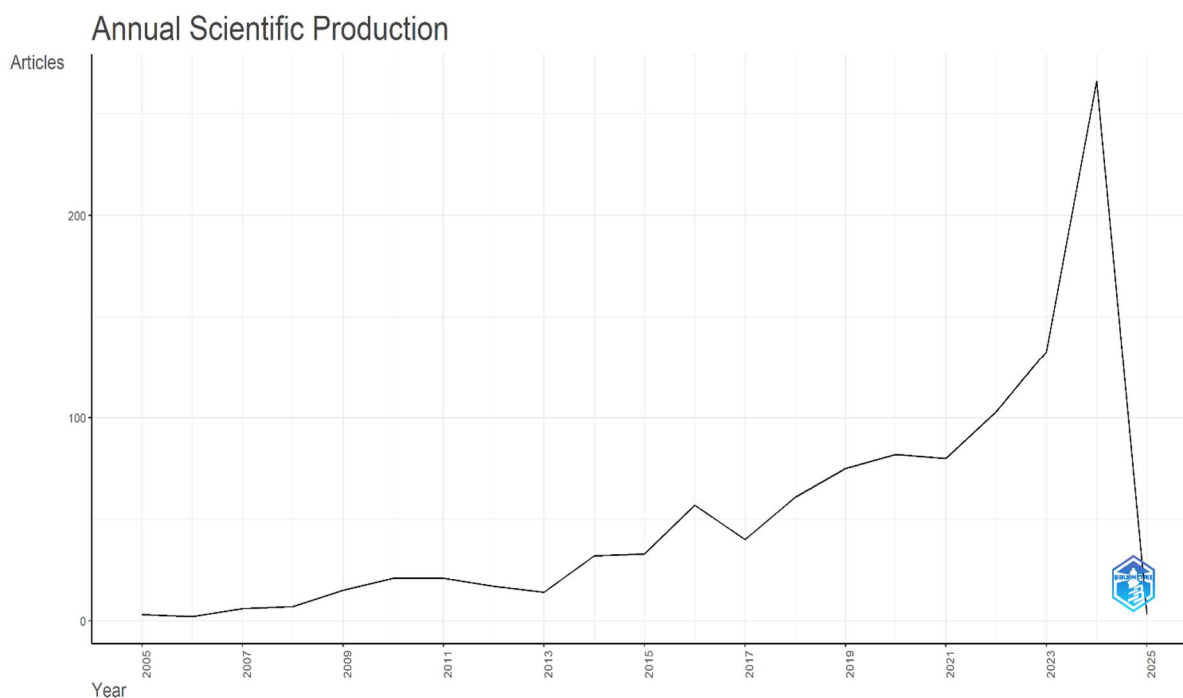


Figure 2 Annual Scientific Production
Source: Compiled by Authors (Biblioshiny)

Trends in annual scientific production, showing a steady but slow increase from 2005 to around 2020, indicating gradual growth in research activity. However, a significant surge in publications is observed between 2021 and 2023, reflecting an accelerated focus on research, possibly due to global events, advancements in technology, or increased funding. This period of rapid growth is followed by a sharp decline after 2023, suggesting a substantial reduction in scientific output. The decline may be attributed to factors such as funding cuts, changes in research priorities, or global disruptions. Overall, the data highlights a period of intense research activity followed by a dramatic downturn.

B. Most Relevant Sources

Table 2

| Sources | Articles |
|--|----------|
| CORPORATE SOCIAL RESPONSIBILITY AND ENVIRONMENTAL MANAGEMENT | 242 |
| BUSINESS STRATEGY AND THE ENVIRONMENT | 99 |
| JOURNAL OF BUSINESS ETHICS | 74 |
| JOURNAL OF SUSTAINABLE TOURISM | 36 |
| SUSTAINABILITY ACCOUNTING MANAGEMENT AND POLICY JOURNAL | 32 |
| MANAGEMENT DECISION | 15 |
| INTERNATIONAL JOURNAL OF OPERATIONS & PRODUCTION MANAGEMENT | 14 |
| BUSINESS ETHICS THE ENVIRONMENT & RESPONSIBILITY | 13 |
| JOURNAL OF BUSINESS RESEARCH | 12 |
| JOURNAL OF THE KNOWLEDGE ECONOMY | 12 |

Source: Compiled by Authors (Biblioshiny)

The visualized network map illustrates the interconnectedness of key terms and themes in research related to corporate social responsibility (CSR). The central term, "corporate social responsibility," dominates the map, highlighting its foundational role in the research domain. Closely connected terms such as "social responsibility," "impact," "management," and "disclosure" suggest a strong focus on understanding CSR's practical implications, management strategies, and transparency practices. Subthemes such as "green," "supply chain," "competitive advantage," and "resource-based view" point to sustainability and strategic business integration. Other notable clusters include terms like "ESG" (environmental, social, and governance), "diversity," and "ownership," indicating broader governance and equity issues. Peripheral terms such as "triple bottom line," "sustainable reporting," and "climate change" reflect niche but relevant topics. Overall, the map reveals a well-connected research field that integrates core CSR concepts with sustainability, business strategy, and governance issues.

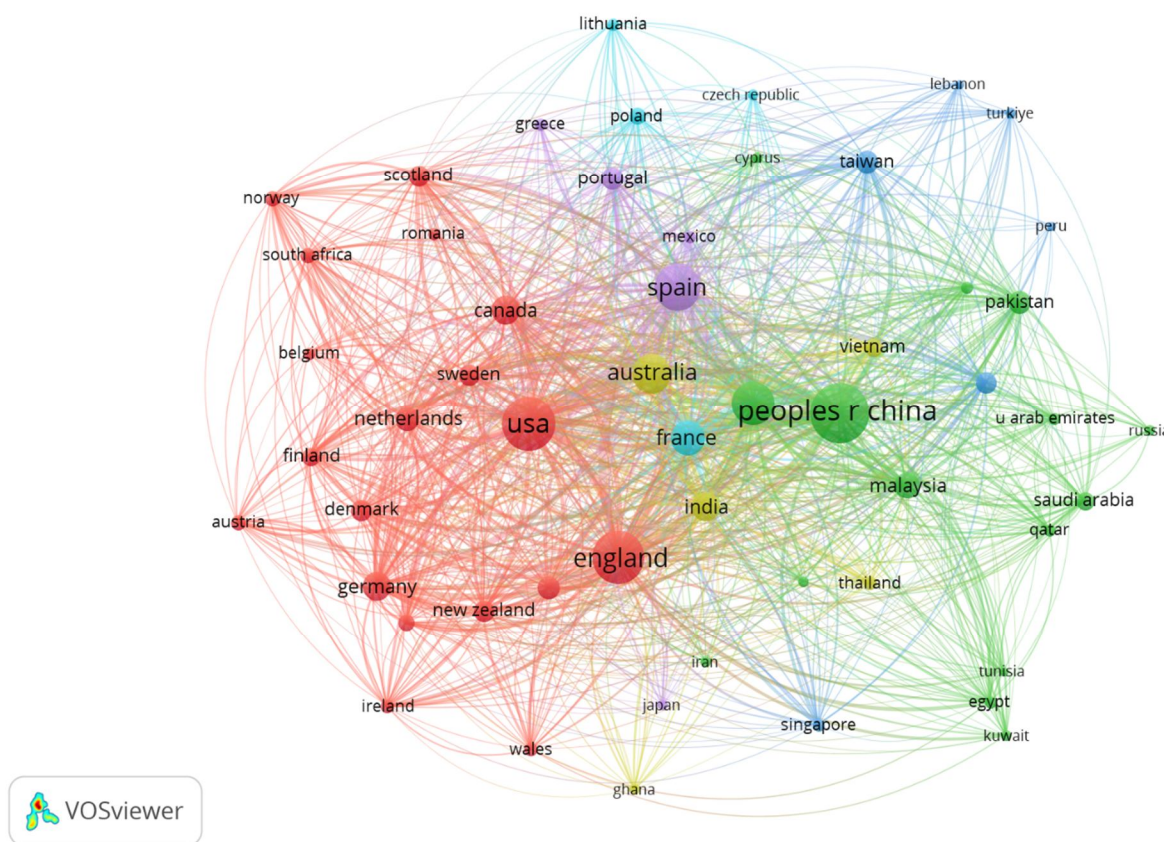


Figure 5 Network Visualization Bibliographic Coupling by Countries

Source: Compiled by Authors (Vosviewer)

The network visualization demonstrates the bibliographic coupling among countries based on their research collaborations and shared references. Larger nodes, such as those for the USA, People's Republic of China, and England, indicate these countries' significant contributions and influence in the research landscape. Other notable contributors, including Germany, Australia, India, and Spain, also maintain extensive connections, underscoring their active participation in global research networks. The visualization reveals distinct clusters, with the USA forming strong links with European nations like Germany and the Netherlands, reflecting transatlantic research collaboration. Similarly, China connects closely with other Asian countries, including Malaysia, Pakistan, and Vietnam, indicating regional partnerships. Countries like Spain and Portugal highlight European-Latin American research collaborations. Peripheral nations such as Lithuania, Turkey, and Qatar, while less central, remain connected through specific partnerships. Overall, the map illustrates the interconnected nature of global research, emphasizing the pivotal roles of certain countries in fostering international collaboration.

V. CONCLUSION

This bibliometric analysis provides a comprehensive overview of the intersection between corporate social responsibility (CSR) and sustainable practices, revealing key trends, influential contributors, and knowledge gaps. The analysis highlights the rapid growth in research output, particularly in the last decade, driven by the increasing global emphasis on environmental, social, and governance (ESG) factors and their integration into business strategies. It identifies major thematic clusters such as environmental impact, community engagement, and technology integration, which dominate the discourse in sustainable practices. However, significant gaps remain, including limited studies on long-term socio-economic impacts, regional disparities in research focus, and insufficient interdisciplinary approaches.

The findings underscore the importance of aligning CSR initiatives with the United Nations Sustainable Development Goals (SDGs) to ensure holistic progress in sustainability. Future research should address these gaps by promoting interdisciplinary collaborations, diversifying regional studies, and deepening the linkages between CSR, sustainable tourism, and specific SDGs like decent work, climate action, and responsible consumption. This study not only provides a valuable reference for scholars and practitioners but also calls for more inclusive and diversified research to advance the field's theoretical and practical understanding.

A. Limitations

This study is limited by the scope of data sources, as the bibliometric analysis primarily relies on the Web of Science database. While this database is comprehensive, incorporating additional databases such as Scopus, PubMed, or Lens could provide a broader and more diverse dataset, potentially yielding a more comprehensive picture of sustainable tourism research. Another limitation is the use of a single search term, "Corporate Social Responsibility and Sustainable Practices," which may exclude related but differently termed studies in the field. Expanding search terms and keywords could capture a wider range of relevant literature, providing a more nuanced understanding the Corporate Social Responsibility and Sustainable Practices research landscape.

Finally, while bibliometric methods offer valuable insights into research trends and themes, they are limited in their ability to analyze the depth and quality of the content within the identified studies. Qualitative analysis could complement this quantitative approach, offering a richer understanding of the underlying theories, methodologies, and implications within Corporate Social Responsibility and Sustainable Practices research. Future studies might consider combining bibliometric analysis with content analysis to provide a more holistic perspective on the field's intellectual structure and development.

REFERENCES

- [1] Aria, M., & Cuccurullo, C. (2017). Bibliometrix: An R-tool for comprehensive science mapping analysis. *Journal of Informetrics*, 11(4), 959-975. <https://doi.org/10.1016/j.joi.2017.08.007>
- [2] Donthu, N., Kumar, S., Mukherjee, D., Pandey, N., & Lim, W. M. (2021). How to conduct a bibliometric analysis: An overview and guidelines. *Journal of Business Research*, 133, 285-296. <https://doi.org/10.1016/j.jbusres.2021.04.070>
- [3] Zupic, I., & Čater, T. (2015). Bibliometric methods in management and organization. *Organizational Research Methods*, 18(3), 429-472. <https://doi.org/10.1177/1094428114562629>
- [4] Khanra, S., Dhir, A., Kaur, P., & Mäntymäki, M. (2021). Bibliometric analysis and literature review of ecotourism: Toward sustainable development. *Tourism Management Perspectives*, 37, 100777. <https://doi.org/10.1016/j.tmp.2020.100777>
- [5] Van Eck, N. J., & Waltman, L. (2010). Software survey: VOSviewer, a computer program for bibliometric mapping. *Scientometrics*, 84(2), 523-538. <https://doi.org/10.1007/s11192-009-0146-3>
- [6] Small, H. (1999). Visualizing science by citation mapping. *Journal of the American Society for Information Science*, 50(9), 799-813.
- [7] Linnenluecke, M. K., Marrone, M., & Singh, A. K. (2020). Conducting systematic literature reviews and bibliometric analyses. *Australian Journal of Management*, 45(2), 175-194. <https://doi.org/10.1177/0312896219877678>
- [8] Osareh, F. (1996). Bibliometrics, citation analysis and co-citation analysis: A review of literature II. *Libri*, 46(4), 217-225. <https://doi.org/10.1515/libr.1996.46.4.217>
- [9] Leung, X., Sun, J., & Bai, B. (2017). Bibliometrics of social media research: A co-citation and co-word analysis. *International Journal of Hospitality Management*, 66, 35-45. <https://doi.org/10.1016/j.ijhm.2017.06.012>
- [10] Ellegaard, O., & Wallin, J. A. (2015). The bibliometric analysis of scholarly production: How great is the impact? *Scientometrics*, 105(3), 1809-1831. <https://doi.org/10.1007/s11192-015-1645-z>
- [11] Carroll, A. B. (1991). The pyramid of corporate social responsibility: Toward the moral management of organizational stakeholders. *Business Horizons*, 34(4), 39-48.
- [12] Elkington, J. (1997). *Cannibals with forks: The triple bottom line of 21st century business*. Capstone Publishing.
- [13] Freeman, R. E., Harrison, J. S., & Wicks, A. C. (2004). *Managing for stakeholders: Survival, reputation, and success*. Yale University Press.
- [14] Donthu, N., Kumar, S., Mukherjee, D., Pandey, N., & Lim, W. M. (2021). How to conduct a bibliometric analysis: An overview and guidelines. *Journal of Business Research*, 133, 285-296.
- [15] United Nations. (2015). *Transforming our world: The 2030 agenda for sustainable development*. Retrieved from <https://sdgs.un.org/2030agenda>



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