Organizational Sustainability: Bibliometric Review and Research Agenda

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Abstract

Purpose - Organizations have an important role in human life. Some of the important roles include being a place for activities, work, increasing knowledge and abilities, and achieving the targets and/or goals of the organization itself. Further research is to review how important organizational sustainability is and to find out how far an organization is able to survive in the midst of global competition.

Design/methodology/approach - This study uses the Scopus metric as an Evaluation Technique where for research on Sustainability from 2020 and 2022 the highest in this research is sustainability. The relational bibliometric network visualization technique draws a global representation of the concepts and their relationships,Bibliometric Density visualization relational techniques show little research. and Relational Bilbliometric Techniques Visualization Ovelay Visualization shows new and old research,

Findings and Discussion –The results of mapping using the Scopus metric are from 2020 and 2022 where the highest in this research is sustainability. Bibliometric analysis using VOSviewer with the type of analysis "co-occurrence" with the unit of analysis "author keywords" and the choice of visualization display results "density visualization", shows that sustainability has a greater link strength value. In the "overlay visualization" display, the results show that if the color is brighter or more yellow, then the keyword is the latest or most recent research.

Conclusion - Organization is an institution or group that is consciously coordinated, and relatively continuous to achieve a common goal that has been set.Relational Bibliometric Visualization Techniques Ovelay Visualization depicts that the darker the color means the research has been done for a long time, the lighter the color, the newer the research is. The "overlay visualization" technique shows that the brighter or yellower the color, the more recent or recent the research

Keywords - Organization, Organizational Sustainability, Global Competition

Introduction

Organizations have an important role in human life. Some of the important roles include as a place to carry out activities, work, improve knowledge and skills, and achieve the targets and/or goals of the organization itself. Because every organization has different goals. OAn organization is a unit that is intentionally

established for a long period of time, with members of two or more people who work together and are coordinated, have certain structured work patterns, and are established to achieve predetermined common goals (Hadi et al., 2023; Syukran et al., 2022). Sustainability or sustainability is a word that comes from the Latin sustenare, meaning to hold up (support) which is defined as "to be able to continue continuously." This message to survive, sustain, and continue is human intuition since prehistoric times (Ph.D, Prof. Akhmad Fauzi, 2019).

WhenWhen building an organization, of course, you want the organization to last a long time and be sustainable. Organizational sustainability needs to be pursued by every line of management in the organization. In order to find out about organizational sustainability, further research is needed to review how important organizational sustainability is. Has research been conducted on organizational sustainability or not? If so, how many studies have been carried out, this is important to know that an organization is able to survive in the midst of global competition.

Leaders have a big responsibility in organizational sustainability efforts. Thinking about sustainability has emerged since 1987. Organizational sustainability is meant as an organization's ability to utilize its resources in order to remain able to survive in any situation. Organizational sustainability will be achieved by balancing their performance with economic, environmental and social domains (Hadi, 2020; Sarmawa et al., 2020; Suharto et al., 2022).

Organizational sustainability is an important matter which is motivated by the vision of the organization. If the organization already has a vision, then all members of the organization will work together to achieve the vision of the organization. This is one of the factors the organization can survive in all situations. This study aims to find out whether there has been any research on organizational sustainability before? Is there much research on organizational sustainability?

This study uses bibliometric techniques to obtain data through visual images presented so that it can be seen whether there is previous research on organizational sustainability and how much research has been carried out.

Literature Review

This study used a relational bilbliometric overlay visualization technique. This article is a bibliometric review that uses literature study and bibliometric mapping with the VOS application. The author uses the Publish or Perish application to get bibliometric raw data. This research includes organizations especially those engaged in the field of sustainability organizations using bibliometric research. As a branch of scientometrics, bibliometrics is a mature and effective subject for expressing the process of development and structure of knowledge in publications (Coopers, 2015).

The aim of the bibliometric analysis in this study is to find out the research developments related to organizational change. To visualize the database obtained, VOSviewer analyzes it. VOSviewer is software for creating maps based on network data and for visualizing and exploring these maps. The function of VOSviewer is to

create maps based on networks and visualize and explore maps based on network type data. VOSviewer has the ability to handle large maps. VOSviewer can easily create maps containing thousands of items, and can display maps containing more than 10,000 items. VOSviewer functions for zooming, scrolling, and searching, which can facilitate detailed inspection of large maps. Based on the keywords extracted from papers, the VOS viewer creates a network of co-events in a two-dimensional map (Walsh & Renaud, 2017).

When the map is displayed, the feature used by VOSviewer is a special feature of the algorithm to determine which labels are displayed and which are not displayed. Played without overlapping labels (van Eck & Waltman, 2019). VOSviewer used is version 1.6.18, while using the Publish or Perish (PoP) application is for sorting and selecting science education study literature through the Web of Science (WoS). In terms of data sources, the main databases include Google Scholar, Scopus, and Web of Science (WoS). Compared to other databases, WoS is one of the most trusted and widely used sources. This journal is of high quality and can provide a more complete data structure for bibliometric analysis (Singh, 2021). Scopus is also one of the most widely covered academic publications and receives more attention for the completeness of academic content (Caputo & Kargina, 2022). Pop is used in stages in order to be able to describe what is being sought from the initial data obtained and visually analyzed from the results of the investigation. If the data as a whole has been reviewed, the data is stored in RIS format and then proceed with processing using the VOS viewer application (Machmuda et al., 2022).

The results of the bibliometric map shown are an illustration of the interrelationships between the main search domains, which are represented by interconnected lines and provide a visualization. The bibliometric mapping stage was adopted from previous studies (Machmuda et al., 2022). Co-occurrence analysis measures the correlation between two keywords by counting the number of occurrences of two keywords in the same publication (Al-Zaman, 2021). Data Collection This article selected the subject from articles in the Publish of Perish database. First, we conducted an initial search for the keywords "organizational, sustainability, organizational sustainability, and bibiliometric" at different levels (individual, team, and organizational levels).

The keywords that meet the requirements at these three levels are the input "sustainability, bibliometric, organization, and global competition". Second, during the data purification process, the time range is set from 2020 to 2022, the document type is set as "article", the research area is set as "management", and the language is set as "English". Third, several articles that were not directly related to bibiliometrics or did not really focus on sustainability were omitted through manual screening. Meanwhile, Meanwhile, the level of classification is further determined by filtering the abstracts of the articles.

Methods, Data, and Analysis

Using metrics as an Evaluation Technique For research on sustainability from 2020 and 2022 the highest in research is sustainability.

1. Using relational bibliometric Network visualization techniques
   Research "hotspots" within a discipline can be found in keywords. The definition of a hotspot is a point that identifies an area that is full of activity. The area is represented in a point that has certain coordinates. An article's keywords are different in that they represent what the authors consider to be the most important words in their paper and can potentially detect trending research topics in different time periods (Pesta et al., 2018). Based on the keywords extracted from the paper, the VOS viewer creates a network of co-occurrences in a two-dimensional map (Walsh and Renaud, 2017).
   Walter and Ribière (2013) suggest that, by visualizing maps based on keyword relationships, general interpretations can be made on semantically highly related concepts. This visualization technique draws a global representation of the concepts and their relationships. Based on our analysis, the IOL literature for Organizational Sustainability is still scanty around Sustainability.

2. Using technique Relational Bibliometric Overlay Visualization
   Research on substance ability can be seen from the year, which can be seen from the color that appears the darker the color, meaning that the research has been done for a long time, the lighter the color, the newer the research.

3. Using the relational Bibliometric Density Visualization technique
   This technique is used to see how much and how little research is done. The more yellow the color the more research has been done and the greener the color the less research has been done.

Discussion and Results

The results of mapping using the Scopus metric are from 2020 and 2022 where the highest in research is sustainability.
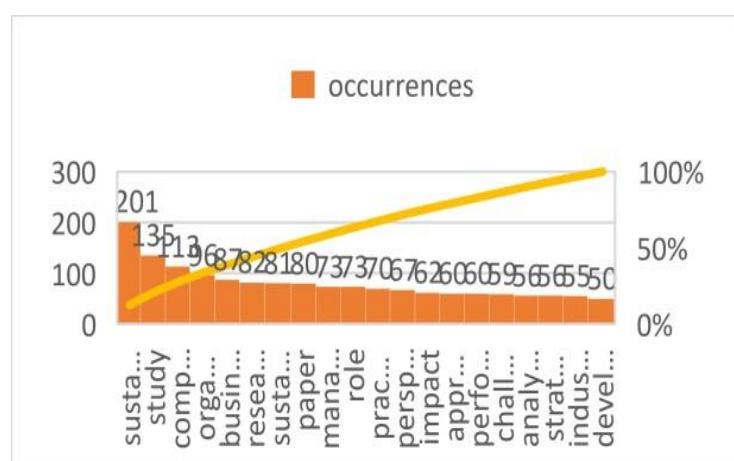

Figure 4.1 Diagram of occurancy sustainability

Bibliometric analysis using VOSviewer with the type of analysis "co-occurrence" with the unit of analysis "author keywords" and the choice of visualization display results "density visualization" shows that sustainability has a greater link strength value than other keywords. The keyword-based visualization technique draws a global representation of the concepts and their relationships. Based on our analysis, the IOL literature for organizational sustainability is scanty around Sustainability. This can be seen in Figure 4.2.
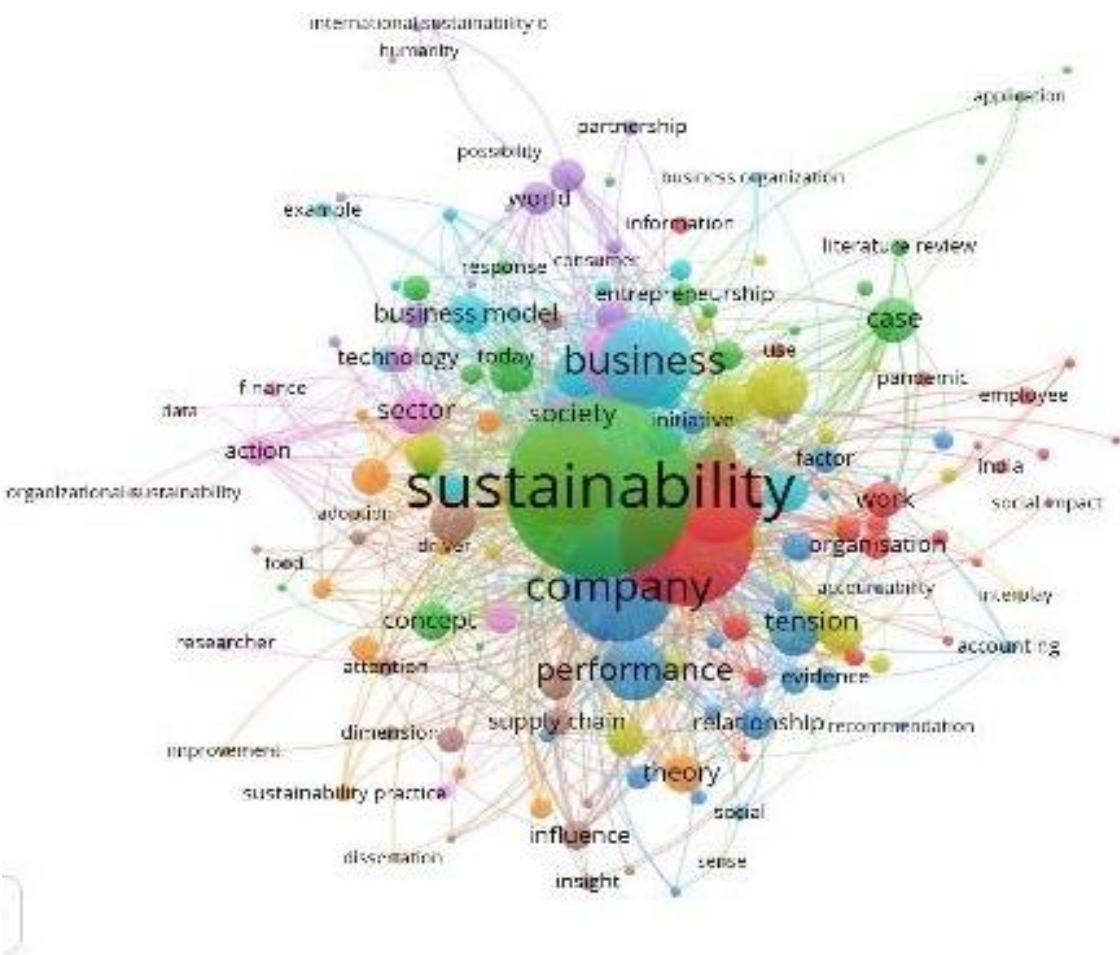

Figure 4.2 Network Visualization

In the "overlay visualization" display where data mapping is carried out for the range of 2020 to 2022, the results show that if the colors are brighter or more yellow, then these keywords are more recent or recent research.

The results of the sustainability organization study used the relational bilbliometric overlay visualization technique as seen from the color, the results are dark, which means that this research has been carried out for a long time. This can be seen from Figure 4.3.
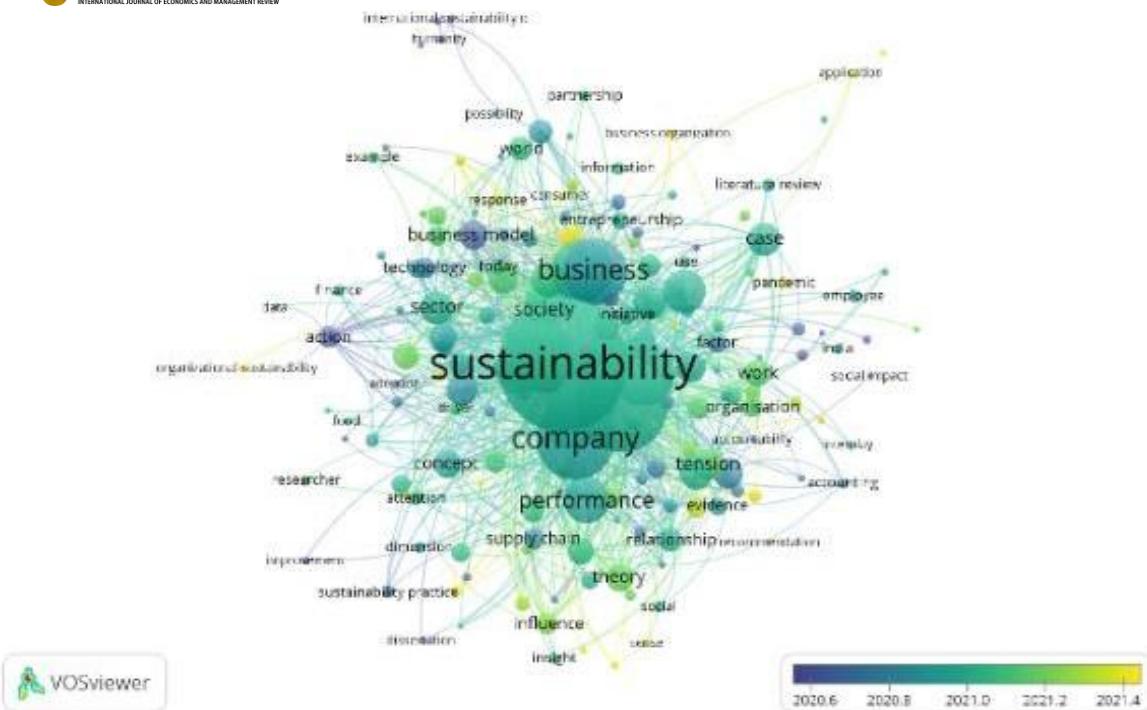
Figure 4.3 Overlay Visualization

The results of the sustainability organization study using the relational bibliometric density visualization technique show that a lot of research has been carried out on sustainability, while the green color for sustainability organization means little research. This can be seen in Figure 4.4.
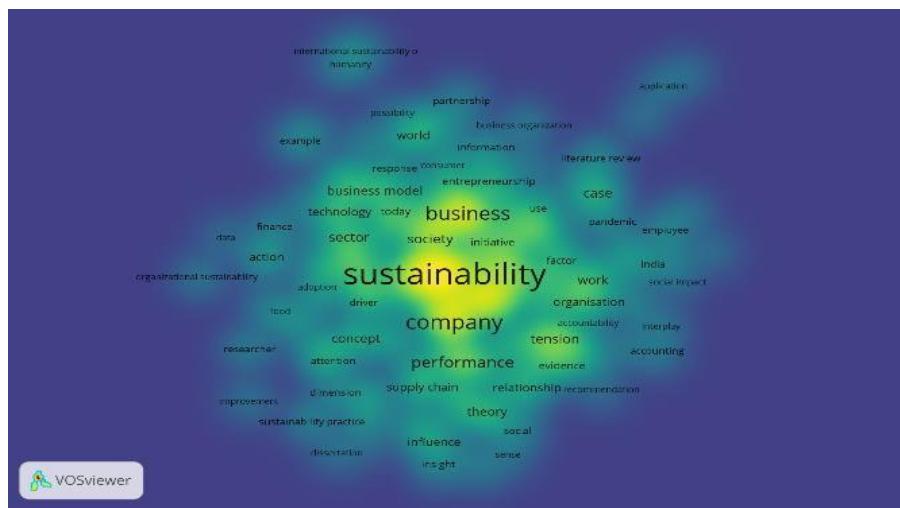
Figure 4.4 Density Visualization

From the several bibliometric techniques that have been carried out, it can be seen that the image visualization is good *density visualization, network visualization,* and *overlay visualization,* that there has been research conducted on organizational sustainability. This proves that there are researchers who are

interested in doing the research. Between 2020 and 2022 there is research on organizational sustainability, but not too much. Organizational sustainability must be considered by *top management* and/or organizational leaders, bearing in mind that their responsibility is not only to develop the organization, but also to consider what steps must be taken so that the organization is able to survive in all situations. Therefore, research on organizational sustainability is very interesting if it is carried out to find out how far the organization survives in all situations, even the worst situations.

Conclusion

An organization is an institution or group that is consciously coordinated and relatively continuous to achieve a common goal that has been set. An article's keywords can be different as they represent what the authors consider to be the most important words in their paper and can potentially detect trending research topics over different time periods.

Using the Relational Bibliometric Overlay Visualization Technique, research on sustainability is looked at from year to year and can be seen from the color that appears, the darker the color means the research has been done for a long time, the lighter the color, the newer the research is. The more yellow the color the more research has been done and the greener the color the less research has been done.

In the "overlay visualization" display where data mapping is carried out for the range of 2020 to 2022, the results show that if the colors are brighter or more yellow, then these keywords are more recent or recent research.

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