"Publication Trend on Library Leaders and Sustainable Development Goals (SDG) : A Publication Review"

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Introduction

Higher education institutions can actively contribute to the achievement of the SDGs through teaching, research, community engagement, non-academic services, and management practices (Abad-Segura & González-Zamar, 2021).

Recent changes in libraries have been driven by a fast-paced online environment, changing user preferences, and provision of quality services by library competitors (Ashiq et al., 2021). These changes have greatly affected the provision of library leader in libraries.

Library services contribute to improved outcomes across the Sustainable Development Goals (SDGs) by promoting universal literacy, including media and information literacy, and digital literacy skills (Bradley, 2016)

Research Objective

This study aims :

To capture and calculate the trends of academic publications related to library leaders and Sustainable Development Goals (SDG) among researchers worldwide.
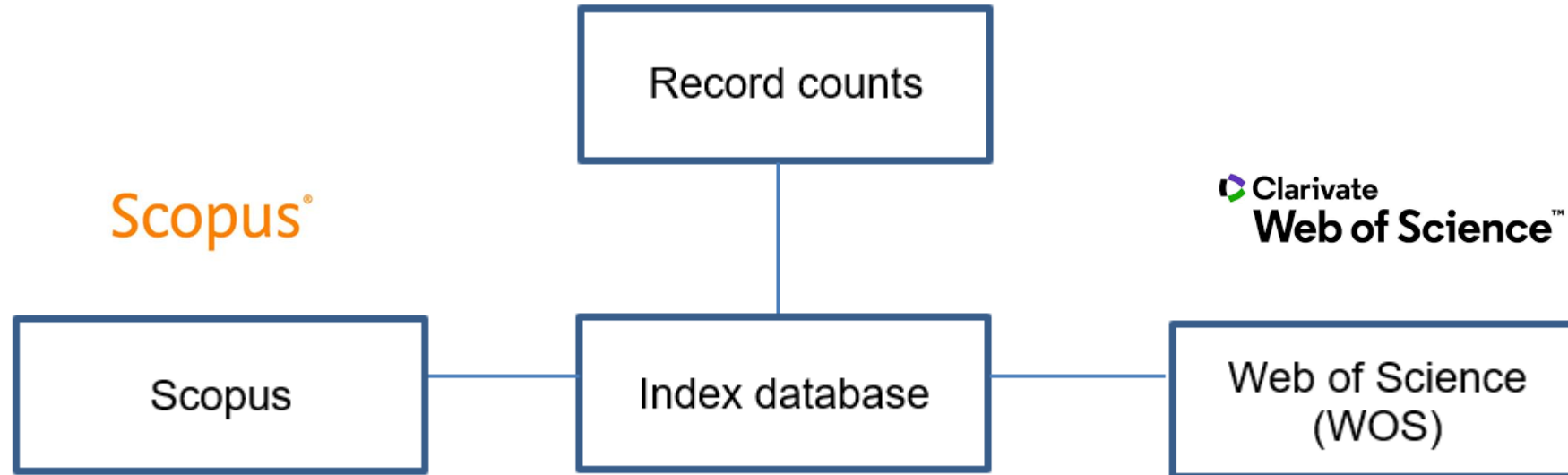
Significance of Study

The chronological distribution of publications, commonly called publication trend analyses can have significant implications in the decisions made by researchers, funders to invest and apply grant in a specific field.

Methodology

➢The database was selected from two credible largest worldwide-used citation databases such as **Scopus** and **Web of Science** databases. Bibliometric indicators have been used to answer the research objective.

➢The search strategy was run on **December 2022 until February 2023**. Ten years of data collection were used to study the pattern of publication trends. The publication years of selected primary studies are between the year 2012 and 2022 (**10 years publications**). This review does not cover all studies before 2012.

➢The steps involved to generate the data were *1) identification of the potential database to use, 2) development of search statement 3) generation of the results, 4) filter by country, 5) filter by specific terms such as language, and year, 6) analyze the result, and 7) discussion*.

Methodology

Figure 1. The sources of records count.

Findings

	SCOPUS		Web of Science (WOS)	
	Publication by country			
No	**Countries**	**Document**	**Countries**	**Document**
1	USA	51	USA	96
2	United Kingdom	38	United Kingdom	73
3	Australia	25	Australia	48
4	South Africa	16	South Africa	40
5	Switzerland	16	Canada	39
6	Canada	15	Spain	36
7	Germany	12	Switzerland	34
8	India	10	Germany	23
9	Spain	10	China	23
10	Italy	9	India	22

Table 1: Total of Publications by Each Country

Findings

SCOPUS		WOS	
Years	**Publications**	**Years**	**Publications**
2022	49	2022	94
2021	52	2021	121
2020	56	2020	91
2019	29	2019	57
2018	19	2018	43
2017	9	2017	30
2016	16	2016	22
2015	1	2015	8
2014	-	2014	1

Table 2. Publication by Years

Document Type			
SCOPUS		**WOS**	
Document Type	**Documents**	**Document Type**	**Documents**
Article	169	Article	406
Book Chapter	23	Review Article	33
Conference Paper	19	Early Access	29
Review	15	Proceeding Paper	26
Note	5	Book Chapters	19
Editorial	5	Editorial Material	10
Letter	2		

Table 3. Document Type Published

Findings

Top 10 Authors			
SCOPUS		**WOS**	
Author	**Documents**	**Author**	**Documents**
Rosa, William E	8	Rosa, W.E.	8
Kar, Arpan Kumar	3	Zabaniotou, A.	2
Bisung, Elijah	3	Ponedelnik, I.	2
Gaskin, James	3	Philbin, S.P.	2
Grover, Purva	3	Park, K.B.	2
Nafees, Lubna	2	Nabyonga-Orem, J.	2
Senadjki, Abdelhak	2	Mansell, P.	2
Nabyonga-Orem, Juliet	2	Madigan, E.A.	2
Cortés, Julián D.	2	Loginova, A.	2
Park, Kee B.	2	Lavrovskii, E.	2

Table 4. Top 10 Authors Published in SCOPUS & WOS

Findings

SUBJECT AREA OF PUBLICATION			
SCOPUS		WOS	
Subject Area	No	Subject Area	No
Social Sciences	128	Green Sustainable Science Technology	109
Environmental Science	59	Environmental Sciences	89
Business, Management and Accounting	48	Environmental Studies	86
Medicine	45	Education Educational Research	61
Energy	34	Management	44
Economics, Econometrics and Finance	26	Public Environmental Occupational Health	40
Engineering	23	Business	38
Computer Sc.	14	Economics	22
Nursing	12	Development Studies	20
Agricultural and Biological Sciences	9	Nursing	15

Results and Discussions

The results shows the trend of publication on library leadership and SDGs is **slowly increased since 2015**. It is found that the number of articles has significantly increased during the past 10 years; moreover, researchers from other countries have contributed to the related field in recent years.

Based on the total of publication generated, **USA, United Kingdom** and **Australia** still lead the publications. There is still a space need to discover by researchers in Southeast Asia and other development countries to study on library leaders' strategy/involvement towards SDG activities.

These findings could be good references for policymakers in governments and researchers in professional organizations to allocate the necessary resources and make plans for supporting future research and applications.

Conclusion & Recommendations

The study recommends collaborative research with expertise from other discipline to support the realization of the Sustainable Development Goals (SDGs).

More local and international collaboration should be assembled to contribute to more publications in this area.

Further research can be conducted to study these phenomena. Many credible databases can be used to study and analyze the publication trends among researchers.

References

Abad-Segura, E., & González-Zamar, M.-D. (2021). Sustainable economic development in higher education institutions: A global analysis within the SDGs framework. Journal of Cleaner Production, 294, 126133.

Adil, H. M., Ali, S., Sultan, M., Ashiq, M., & Rafiq, M. (2022). Open education resources' benefits and challenges in the academic world: a systematic review. *Global Knowledge, Memory and Communication*, *ahead-of-print*(ahead-of-print). https://doi.org/10.1108/GKMC-02-2022-0049

Ashiq, M., Ur Rehman, S., Safdar, M., & Ali, H. (2021). Academic library leadership in the dawn of the new millennium: a systematic literature review. The Journal of Academic Librarianship, 47, 102355. https://doi.org/10.1016/j.acalib.2021.102355

Ashiq, M., & Warraich, N. F. (2022). A systematized review on data librarianship literature: Current services, challenges, skills, and motivational factors. *Journal of Librarianship and Information Science*, *0*(0), 09610006221083675. https://doi.org/10.1177/09610006221083675

Bass, B., & Riggio, R. (2006). Transformational leadership: Second edition. https://doi.org/10.4324/9781410617095

Bradley, F. (2016). 'A world with universal literacy: The role of libraries and access to information in the UN 2030 Agenda. IFLA Journal, 42, 118-125. https://doi.org/10.1177/0340035216647393

Megheirkouni, M., & Mejheirkouni, A. (2020). Leadership development trends and challenges in the twenty-first century: rethinking the priorities. Journal of Management Development, 39, 97-124. https://doi.org/10.1108/JMD-04-2019-0114

Nelis, J. L., Rosas da Silva, G., Ortuño, J., Tsagkaris, A. S., Borremans, B., Haslova, J., Colgrave, M. L., & Elliott, C. T. (2022). The General Growth Tendency: A tool to improve publication trend reporting by removing record inflation bias and enabling quantitative trend analysis. Plos one, 17(5), e0268433.

Okoli, C. (2015). A guide to conducting a standalone systematic literature review. *Communications of the Association for Information Systems*, *37*(1), 43.

Oliveira, S. R. M., & Saraiva, M. A. (2023). Leader skills interpreted in the lens of education 4.0. Procedia Computer Science, 217, 1296-1304. https://doi.org/https://doi.org/10.1016/j.procs.2022.12.327

Page, M. J., McKenzie, J. E., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., Shamseer, L., Tetzlaff, J. M., Akl, E. A., Brennan, S. E., Chou, R., Glanville, J., Grimshaw, J. M., Hróbjartsson, A., Lalu, M. M., Li, T., Loder, E. W., Mayo-Wilson, E., McDonald, S., . . . Moher, D. (2021). The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. *Systematic Reviews*, *10*(1), 89. https://doi.org/10.1186/s13643-021-01626-4

Stogdill, R. M. (1950). Leadership, membership and organization. Psychological bulletin, 47(1), 1.

Thank You

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