A Bibliometric Survey of the Literature Published by Emerald on 'Library Consortia' from 1990 - 2016

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Abstract

This paper explores the growth and development of the periodical literature published by Emerald on the concept 'Library Consortia' and to provide the bibliography for ready reference on the subject from the study. Bibliographic data obtained from the Emerald database (www.emeraldinsight.com) using keywords like 'Library Consortia', 'Library Consortium', 'Consortia' and 'Consortium' etc. and recorded in MS-Excel-2010 sheet for analysis and interpretation purpose. The study finds 107 different categories of items have been published by Emerald during 1990 to 2016 in the respective discipline and 1999 and 2003 with 18.18% and 8.41 respectively were the most productive years in context of the total no. of literature (articles/research papers) published. Furthermore, it was found that Emerald has published more research papers in compare to the other categories of literature.

Keywords

Library Consortia; Library Consortium; Academic Libraries; ICT and e-Learning etc.

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Electronic access

The journal is available at www.jalis.in

Journal of Advances in Library and Information Science
ISSN: 2277-2219 Vol. 6. No.2. 2017. pp 104-113

INTRODUCTION TO THE CONCEPT CONSORTIA

Consequent upon the ICT, rapid changes are taking place in librarianship and publishing. Majority of the information is being generated in electronic form, as a result, the abode of knowledge is changing from books or any other print form to databases. So, in order to keep pace with the advancement of ICT and changes taking place in librarianship, information professionals and organizations are trying hard to find out the solutions and consortia is one of them. To popularize the new philosophies and its applications, literature plays a vital role as it is the only medium to communicate the ideas to the society. The present study is an attempt to explore the literature published and its trend on 'library consortia' by Emerald from 1990 - 2016.Basically, a library consortia is a group of two or more libraries working together for a common cause for meeting the information requirement of patrons. There are several reasons responsible that have influenced the libraries and LIS professionals to adopt the concept of consortia like (i) Budget Scarcity; (ii) Rising Cost of E-resources; (iii) Information Explosion; (iv) Incapability in Self-Sufficiency; (v) Willingness of Publishers means positive response from publisher's side; (vi) Multidimensional needs of the users; (vii) Speedy access to information; (viii) Improving the quality of research service; (ix) Professionalism or Changing role of librarian (from conservator of information to information disseminator); and (x) Future Developments etc.

REVIEW OF RELATED LITERATURE

Library consortia have emerged as a boon for the libraries of the problems like budget scarcity, exponential growth of information, rising cost of information and many others. Keeping in view such problems, several scholars and academicians studies about the concept and shared their experiences and suggestions for the others. Numerous studies have been conducted on 'library consortia all over the world. For instance, *Fresnido and Yap, (2014)* in their study have revealed that the consortia plan an important role in the development of academic libraries particularly in the promotion of professional development and resource sharing. And further authors discuss that as technology greatly influences the way libraries do things, the varying level of technological development among consortium member libraries confirmed to be a major challenge being faced by them today. *Chen (2013)* confirms that library consortia can help in improving and

enhancing the interlibrary loan and document delivery services by introducing those services to new users, broadening the pool of materials available for resource sharing, and increasing the requisite skill sets of ILL practitioners. *Plemnek and Sokolova (2015)* discuss the current situation and history of cooperation and resouce sharing in Russian libraries and describe the resources and services provided cooperatively. Further, the paper discusses about the fundamental changes occurred in Russian libraries as a result of the consortia services development, particularly in resource sharing. *Ye and Bryant, (2015)* in their study confirm that the resource sharing has become a hot topic in the library world where libraries are facing budget scarcity, space limits and short of human resource challenges. And this systems' integration will help libraries to add new services without adding staff. *Maskell (2008)* discusses in a study that university librarians primarily see consortia activity as supporting academic libraries' public good role of providing access to information as equitably and as barrier-free as possible. They saw consortia as more than just buying clubs, but also as a means for libraries to share resources and expertise. *David, Judy, and Pambanisha (2014)* indentify and discusses about the changes and trends in consortia-wide transaction volumes, staffing levels, campus document delivery, professional issues and challenges and library organizational schemes. *Park (2007)* in his study have tried to investigate the Korean consortia models and discuss how the consortium governing body, Korea Education & Research Information Service (KERIS), manages the e-book consortium effectively from the Korean perspective. And the study presents two types of e-book consortium models. One is the subscription model and the other is the purchasing model. Both sharing and purchasing options are quite cost-effective for Korean universities since they try to balance the digital and paper collections. The consortium model for e-books in Korean universities was successful and fit into the conservative collection management in Korea for academic use. *Forro (2014)* aims to evaluate and report on the challenges faced by a multinational academic library consortium with a heterogeneous membership and widely varying collection resources. And the study finds that coordinating the work of an academic library consortium that spans the globe presents challenges such as an inability to set a meeting time – and place – that is agreeable to all and copyright laws that vary from one country to the next.

OBJECTIVES OF THE STUDY

In order to accomplish the purpose of research, following objectives of the study were set to identify:

1. Growth and development of the literature on library consortia by Emerald;
2. Authorship, pagination and citation pattern used by the author(s) and further, the country producing the literature in respective field;
3. Leading and most productive journals and year in LIS field covering the literature on library consortia; and
4. To compile a bibliography of the literature on the concept 'library consortia'.

SCOPE OF THE STUDY

The present study is confined to the literature published in scholarly peer reviewed journals of Emerald on library consortia and the main focus of the study was to extract the literature published exclusively on 'library consortia' and to prepare a bibliography for ready reference for the academia (see *Appendix*).

METHODOLOGY

In order to accomplish the above set of research objectives bibliographic data of the articles published were extracted from the emerald database using the keywords such as 'library consortia'; 'library consortium'; 'consortia'; and 'consortium' etc. The bibliographical data were recorded in MS-Excel-2010 sheet for the analysis and interpretation of data. To arrange the bibliography of selected literature, Harvard Referencing Standard which is followed by Emerald is being used (Singh, 2013 and Gill, 2013).

DATA ANALYSIS AND INTERPRETATION

The entire data obtained from 26 scholarly peer reviewed journals/book series of the Emerald database have been thoroughly scrutinized and analyzed using MS-Excel 2010. The following tables reflect the clear picture of present Bibliometric study of the periodical literature published by Emerald on 'library consortia'.

Table 1: Categories of Literature Published

S. N.	Categories of Literature	No. of Items	Percentage *(N=107)*	Rank
1	**Research Paper**	**34**	**31.78**	**1**
2	Case Study	22	20.56	2
3	General Review	18	16.82	3
4	Secondary Article	15	14.02	4

5	Chapter Item	04	3.74	5
6	Viewpoint	03	2.80	6
7	Literature Review	02	1.87	7
8	Conceptual Paper	02	1.87	7
9	Research Paper/Case Study	02	1.87	7
10	Case Study/Research Paper	02	1.87	7
11	Paper Review	01	0.93	8
12	Technical Paper	01	0.93	8
13	Case Study/Technical paper	01	0.93	8
	Total	107		

Table 1 presents the category of literature with its number and percentage published by Emerald on the subject. It was found that the research paper category dominates among others with 31.78% (34) of the total followed by case study i.e. 20.56 (22) whereas technical paper and paper review are at bottom with 0.93. Further, it can also be seen from the table that 3 items were found with two types of categories mentioned.

Table 2: Year-wise distributions of Literature

Year	No. of Articles	Percentage *(N= 107)*	Cumulative Growth	Rank
1990	-	-	0	11
1991	-	-	0	11
1992	-	-	0	11
1993	03	2.80	03	08
1994	-	-	03	11
1995	02	1.87	05	09
1996	01	1.87	06	10
1997	01	1.87	07	10
1998	03	2.80	10	08
1999	**15**	**14.02**	**25**	**01**
2000	06	5.61	31	05
2001	07	6.54	38	04
2002	07	6.54	45	04
2003	**09**	**8.41**	**54**	**02**
2004	04	3.74	58	07
2005	01	1.87	59	10
2006	03	2.80	62	08
2007	03	2.80	65	08
2008	03	2.80	68	08
2009	07	6.54	75	04
2010	04	3.74	79	07
2011	02	1.87	81	09
2012	04	3.74	85	07
2013	03	3.80	88	08
2014	**08**	**7.48**	**96**	**03**
2015	05	4.67	101	06
2016	06	5.61	107	05
Total	107			

Table 2 reveals the year-wise growth of literature on the subject. The study found that 1999 was the most productive year with 14.02 % (15) of the total followed by 2003 and 2014 with 8.41% (9) and 7.48% (8) respectively, further it was found that no literature were published in the years 1990-1992 and 1994.

Table 3: Ranking of Journals with no. of Literature Published

S. N.	Journal	No.	Percentage *(N=107)*	Rank
1	**Interlending & Document Supply**	**22**	**20.56**	**1**
2	Library Management	18	16.82	2
3	Library Consortium Management: An International Journal	12	11.21	3
4	Library Hi Tech	06	5.61	4
5	Library Review	06	5.61	4
6	The Bottom Line: Managing Library Finances	06	5.61	4
7	The Electronic Library	06	5.61	4
8	Collection Building	03	2.80	5
9	Program	03	2.80	5
10	Advances in Librarianship	02	1.87	6
11	Advances in Library Administration and Organization	02	1.87	6
12	Asian Libraries	02	1.87	6
13	Library Hi Tech News	02	1.87	6
14	New Library World	02	1.87	6
15	OCLC Systems & Services: International digital library perspectives	02	1.87	6
16	The Bottom Line	02	1.87	6
17	Program: electronic library and information systems	02	1.87	6
18	British Journal of Clinical Governance	01	0.93	7
19	Health Manpower Management	01	0.93	7
20	International Journal of	01	0.93	7

	Contemporary Hospitality Management			
21	International Journal of Educational Management	01	0.93	7
22	Journal of Knowledge Management	01	0.93	7
23	Online and CD-ROM Review	01	0.93	7
24	Performance Measurement and Metrics	01	0.93	7
25	Reference Services Review	01	0.93	7
26	VINE	01	0.93	7
	Total	107		

Table 3 presents the core journals/periodicals covering the literature on the subject and ranked as core journals/periodicals of Emerald. It can be seen from the above table that Interlending & Document Supply is the journal covers the largest no. of literature i.e. 20.56% (22) followed by followed by Library Management with 16.82% (18) at 2 and Library Consortium Management: An International Journal with 11.21% (12) at 3.

Table 4: Pagination Pattern

No. of Pages	No. of Article	Percentage *(N=107)*	Rank
0-10	70	65.42	1
11-20	31	28.97	2
21-30	05	4.67	3
Above 30	01	0.93	4
Total	107		

Table 4 depicts the pagination pattern of the periodical literature published by Emerald with their rank on subject. It is revealed from the table that majority of the literature i.e. 65.42% (70) is between 1-10 pages, followed by 28.97% (31) between 11-20 and 4.67% (05) between 21-30 pages, and only 0.93% (01) literature published by Emerald with more than 30 pages.

Table 5: Authorship Pattern

Authorship Pattern	No. of Items	Percentage (%), *(N=107)*	Rank
Single	**56**	**52.34**	**1**
Double	23	21.50	2
Three	11	10.28	3
More than Three	05	4.67	5
No Author/ Institutional/Editorial	12	11.21	4
Total	107		

Table 5 depicts the authorship pattern of the literature published by Emerald with their rank on the subject. It can be seen from the above table that the majority of the literature i.e. 52.34% (56) of the total is being published as single author followed by 21.50% (23) by double authors, 10.28 % (11) with three authors, and 4.67% (05) with more than three authors. Further, 11.21% (12) of the total literature found with either no author means published by either institution or editorial publication.

Table 6: Country-wise distribution of the literature

S.N.	Country	Literature in No.	Percentage *(N=105)*	Rank
1	**USA**	**38**	**36.19**	**01**
2	UK	21	20	02
3	Australia	02	1.90	7
4	Botswana	01	0.95	8
5	Canada	06	5.71	4
6	China	04	3.81	5
7	Ghana	02	1.90	7
8	Greece	03	2.86	6
9	Iceland	01	0.95	8
10	India	08	7.48	3
11	Italy	01	0.95	8
12	Jamaica	01	0.95	8
13	Malawi	02	1.90	7
14	Malaysia	01	0.95	8
15	Nigeria	02	1.90	7
16	Philippines	01	0.95	8
17	Russia	01	0.95	8
18	Saudi Arabia	01	0.95	8
19	South Africa	03	2.86	6
20	Spain	02	1.90	7
21	Swaziland	01	0.95	8
22	Taiwan	02	1.90	7
23	Turkey	01	0.95	8
	Total	105		

Table 6 presents the country-wise literature with rank published by Emerald on the subject. Table reveals that USA is the most productive country producing the literature i.e. 36.19% (38), followed by UK with 20% (21) and India with 7.48% (08) at 2nd and 3rd rank respectively. Further it was found that only 23 countries hold their share in published literature on the subject during the period of 1990-2016.

Table 7: Authorship of one item by two or more different countries

S. N.	Country	Literature in No.	Name of the Authors	Year
1	Iran and India	01	Golnessa Galyani Moghaddam (Iran) and V.G. Talawar (India)	2009
2	USA and Australia	01	D. E. Perushek (USA) and Anne Douglas (Australia)	2014
	Total	02		

Table 7 reveals the authorship of one item by two different countries and two articles published in 2009 and 2014, out of the total i.e. 107, were found on the subject written by authors of two different countries on the concept 'library consortia'.

Table 8: Citation Pattern

S.No.	No. of Citation	No. of Items	Percentage *(N=107)*	Rank
1	0-10	66	61.68	1
2	11-20	16	14.95	2
3	21-30	13	12.15	3
4	Above 30	12	11.22	4
	Total	107		

Table 8 depicts the citation pattern with numbers used by the authors of the literature published by Emerald on the subject. Table shows that citation pattern i.e. 0-10 dominates with 61.68% (66) of the total followed by 14.95% (16) in between 11-20, 12.15% (13) in between 21-30, and 11.22% (12) above 30, respectively.

FINDINGS AND CONCLUSION

On the basis of the analysis of data collected, major findings from the present study may be summarized as follows:

- There are total 26 core journals/periodical of Emerald that have published literature on the subject during 1990-2016 and research paper category of literature is the most popular category among the authors publishing literature in the discipline.
- Interlending & Document Supply is the most productive journal publishing literature on the subject followed by Library Management and Library Consortium Management: An International Journal with rank 2nd and 3rd respectively.
- Study finds that only 23 countries across the world hold their share in literature published by Emerald on the subject during the period of study i.e. 1990-2016.
- Majority of the literature i.e. 52.34% are being produced by single authors. It is shown in table that single authors constitute the highest percentage i.e. 52.34% against two authors (21.50%), three authors (10.28%), and more than three authors (4.67%). This shows the prevalence of solo research in the field.
- It is revealed from the study that the pagination pattern of the literature published is being dominated by the category of below 10 during the period of study.
- It is found from the study majority of the items i.e. 61.68% have cited/used other's literature in between 0-10.

The study investigates the literature published on 'library consortia' and finds that numerous literatures on the concept have been published by Emerald. The literature published on the subject has made the LIS professionals to understand the concept of library consortia and its application to libraries and have helped a lot to popularise the concept. Now in today's environment majority of the libraries across the globe are the member of consortia and getting maximum in the minimum investments and able to assure the quality information and services to their patrons. In short, it can be said that Consortia is something which is welcomed by the libraries that promises the quality of information for the patrons.

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Appendix

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