

---

## **An analytical study of library and information science literature in the Arab periodicals that were published during the years 2020-2021**

**Dr. Nahlaa Dawood Soliman AlHamoud**

**Information Studies Department - College of Basic Education**

**The Public Authority for Applied Education and Training in Kuwait**

### **Abstract:**

The study dealt with the analysis of (27) periodicals in the field of library and information science during the years (2020 and 2021), and the number of studies reached (884) studies and excluded book presentations and summaries of university theses (masters and doctorate). The "International Journal of Library and Information Sciences" was the highest in terms of the number of studies, reaching (107) studies, and the least of which was "Journal of Signal: Journal of Information Sciences, Archives and Library Science", of which (1) was issued in 2020 only, where the number of studies was (7), as well as the "Arab International Journal of Information and Data Technology", of which its first issue was issued in 2021, and the number of studies reached (7). Methodologically, the descriptive approach was more commonly used. The number of topics (keywords) for studies reached (2418) and the field of topics "technology topics, databases and applications" occupied the most used, reaching (463, i.e. 19%), and the least of them were the following areas: "cultural and Islamic heritage", where it was monitored (42 topics, i.e. 2%), then the field of "electronic platforms" amounted to 60, i.e. 2%. Diagnosing the reality of specialized intellectual production allows knowing the methods of developing and upgrading its level, to be the basis of the renewed and strong foundations that support the development of the science and profession of libraries and information, whether in its academic or professional part, and it is the responsibility of each specialist to contribute to intellectual production by focusing on authorship with a scientific spirit and a sound approach, no matter how much we are interested in developing the volume of intellectual production, the greatest interest and the heaviest burden is attention to its quality, so that it is a strong reference like its counterpart in Other languages.

**Keywords:** Arab Periodicals; Bibliometric Study; Library and Information Science.

# Using Operation Research Models to Evaluate Libraries & Knowledge Institutions Efficiency:

## A Study on Data Envelopment Analysis (DEA) Model

Dr. Moamen Syed Nashrati

Data and Information Science Teacher

Department of Libraries, Documents and Information - Cairo University

[Navigator001@cu.edu.eg](mailto:Navigator001@cu.edu.eg)

### Abstract

any international, regional and national's key performance indicators have developed as one of the most means to measure the effectiveness and efficiency of libraries.

But, despite its strength and ability to prove the quality, effectiveness, strength and efficiency of activities and services, it still has shortcomings, where it belongs to category of measures known as single factor productivity measures, which it means that measuring the efficiency & effectiveness for each activity is done by individually, without showing the effect of one activity on another, which leads to show library as efficient in one activity and inefficient in another, that is lead to no clear picture of effectiveness and efficiency level to whole library.

The study aims mainly, to clarify the role of operations research models for evaluating fully efficiency of libraries as considered one of non-profit institution, that will be done by depending on a one of linear programming models, which is known as the Data Envelopment Analysis model (DEA), that measures the relative efficiency of libraries and determine Score and weight for completely library efficiency.

The study based on analytical descriptive approach, with consideration applied side of this model. The most critical result was the ability of Data Envelopment Analysis model to measure the efficiency of libraries in a quantitative manner, by Investigate the libraries ability's to using their inputs to generating services and outputs.

This ability has been expressed by a quantitative value to checking Library's status by comparison it with peers and determining whether it is efficient or inefficient.

**Keywords:** Measuring performance at libraries ; Operation Research ; Relative Efficiency ; Linear programming ; Data Envelopment Analysis model.

# **Information institutions and centers in the Republic of Yemen**

## **A study of their reality, a diagnosis of their problems and ways to address them**

**Prof. Dr. Abdullah Ali Al-Fadhli**  
**Professor of Library and Information Science**  
**Faculty of Arts and Humanities**  
**Sanaa University**

### **Abstract:**

The research aims to study the reality of Yemeni information institutions and to identify their information systems and technologies used, in addition to identifying the efforts made to qualify and prepare the manpower specialized in the field of libraries and information; Through this, the researcher will try to find the manifestations of deficiencies and deficiencies in the level of information services and the extent of their impact on the development and growth of the library and information sector in Yemen.

The importance of this research stems from the importance of the subject itself, and the fact that this research seeks to diagnose the problems and information facing the library and information sector in the Republic of Yemen, and works to propose means and solutions that would help overcome many existing problems and obstacles and then contribute to the development of this sector.

**Keywords:** Libraries and information centers in Yemen; Academic libraries; Public libraries; Research centers libraries; School libraries.

## **Prof. Hasnaa Mahgoub: An Egyptian pioneer in the field of libraries and information**

**Prof. Mohamed Fathi Abd-Elhadi**

### **Abstract:**

The female element has a clear role in the field of libraries and information, and Prof. Hasnaa Mahgoub is one of those who contributed diligently and interest in this field.

The aim of this study is to introduce her educational, scientific and functional career and her various activities, as well as to monitor and analyze the features and characteristics of her intellectual output based on the bibliometric approach. It was possible to list 97 works from 1986 to 2022. She published most of her intellectual output in Egypt, which is represented in two master's and doctoral dissertations, (9) books, (2) parts of books, (48) studies published in scientific periodicals, and (36) studies presented in conferences. A reading of the intellectual production reveals that the focus of her primary concern is publishing and what is related to it, and she also paid attention to writing about libraries of different types and information networks. In addition to this, her interest in informetrics sector and its applications, as well as her role in highlighting the activity of the Egyptian Association for Libraries, Information and Archives, and its treatment of scientific communication and the world of open sources.

**keywords:** Hasnaa Mahgoub; Women and libraries; Publishing and its institutions; Types of libraries; Egyptian Association for Libraries, Information and Archives, Informetrics.

## Arabic Databases Objectives and Characteristics Al Mandumah Databases as a model

**Mahmoud Abo-ElFadl Dhawi Bekheet**

### **Abstract**

This study dealt with the databases of Al Mandumah and introduced them and the objectives of the project of indexing the available Arab journals with their databases and the technical and general characteristics of the databases and the services they provide. It also dealt the explanation and analysis of the Arabic databases in Al Mandumah, which contain two databases for theses, one of which is a full text and the second is a bibliographic database only for theses data, in addition to five databases for Arab journals available,

The study also dealt with the qualitative characteristics of the Arab journals in the Al-Mandumah database.

The study adopted the descriptive-analytical research method to collecting data research and analyze it.

One of the most important Results of the study was that the databases of manduah included 2421 Arab jornals published by more than 1126 scientific institutions, in the first Al-Azhar University in Egypt as the most institutions and countries for journals available in the databases of Al mandumah, and the Humanindex databases topped the most available databases for journals. The subject of education as a specialized topic is the most covered in the materials published in the al mandumah.

the overlap rate between databases reached 20% of the total percentage of jouranls, and the percentage of overlap in the distribution of jouranls objectively on databases reached 26% of the total percentage of jouranls.

The study recommends Dar Al-Mandumah Company to set standards for acquiring scientific journals that available in the Almandumah databases.

**keywords:** Arabic databases; Al Mandumah databases; Arab jouranls; Indexing

## **Freelance Platforms in the field of Libraries and Information : a Literature Review**

**Yousra Hassan Bayoumi**

**Lecturer in the Department of Libraries, Documents and  
Information Technology  
Information Technology Division  
Faculty of Arts - Cairo University  
yousrasahassan60@gmail.com**

### **Abstract**

The study aims to monitor and survey Arab and foreign intellectual production on the subject of freelance platforms in the field of libraries and information, to contribute to spreading awareness of their importance, and their role in finding job opportunities for many graduates of library and information programs, and to come up with numerical, qualitative and objective indicators of the literature on the subject under study from 2011 until The end of 2022, without being restricted to geographical boundaries, and depending on the descriptive approach in its survey style. It concluded with a set of results, perhaps the most prominent of which are: the numerical superiority of foreign literature over its Arabic counterpart, and that the year 2018 witnessed the highest rates of writing on the subject, and the highest rates of literature on the topic of freelancing platforms in general, followed by the features of Freelancer specialists and the factors affecting customer satisfaction.

**Keywords:** Freelance platforms; Freelancer Librarian; Employment opportunities in Libraries and Information; Library and Information Departments Graduates.