

# Getting Started

## Introductory Books

***Fundamentals of Information Studies: Understanding information and its environment***, June Lester, New York: Neal-Schuman Publishers, 2003. Z665 .L535 2003

This book is very clear. Good on the context of information science.

***Information Science in Theory and Practice***, Brian C. Vickery and Alina Vickery, New York: Bowker-Saur, 1992. Z665 .V73 1992.

Reasonably good text.

***Principles and Applications of Information Science for Library Professionals***. John N. Olsgaard, editor, Chicago: American Library Association, 1989. Z665 .P94 1989

Applied information science in the library setting.

## General Web Sites

### University of Arizona Information Science Pathfinder

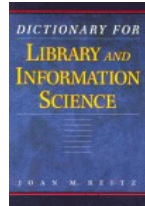
<http://dizzy.library.arizona.edu/library/teams/sst/lis/guide/path.html>

If you get lost:

# DON'T PANIC

Look it up in the Dictionary.

***Dictionary of Information Science and Technology***, Carolyn Watters, Boston: Academic Press, 1992  
Z1006 .W35 1992



**ODLIS** - Online Dictionary of Library and Information Science

<http://lu.com/odlis.html>

OCLC Research - **Acronym Glossary**  
<http://www.oclc.org/research/reference/acronyms/default.htm> which does not include the acronym OCLC.

## Check the Encyclopedia.

***Encyclopedia of Library and Information Science***, Miriam A. Drake, editor. New York: Marcel Dekker, 2003.  
Z1006 .E57 2003

## Browse LC Call Numbers

Z665 to Z700 Library and Information Science  
Z674.7 Library Information Networks  
Z678.9 Automation  
Z699 to Z699.5 Information Retrieval

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# The Hip Pocket Guide to Information Science



## What is it?

Information science is the study of the communication of information in society.

Four strands make up information science:

1. Information Theory - How does communication work? Used to study mass communication and human information processing.
2. Representation for Retrieval - How should indexes and metadata be designed?
3. Models of Information Retrieval - How should questions be asked to find the right answers?
4. Bibliometrics - The quantitative study of written communications.

The theoretical end of Library Science.

## Finding Materials

A good overview of key articles in all aspects of Information Science is: “**A Tour of Information Science through the Pages of JASIS**,” Marcia J. Bates, *Journal of the American Society for Information Science* 50 (September 1999):975-993, available in the GSLIS Library Periodical shelves or on the web

Find an article in the field you are interested in and find out who has cited it in **Web of Knowledge** citation index available through the GSLIS Library e-resource list.

## Online Libraries

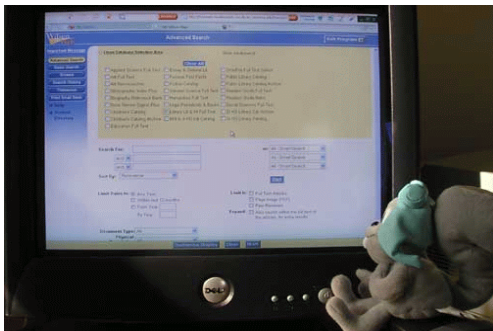
### Documents in Information Science

(DoIS) provides full-text copies of recent papers in Information Science.

<http://wotan.liu.edu/does/>

**Digital Library for Information Science and Technology** (DLIST) also provides many full-text sources.

<http://dlist.sir.arizona.edu/>



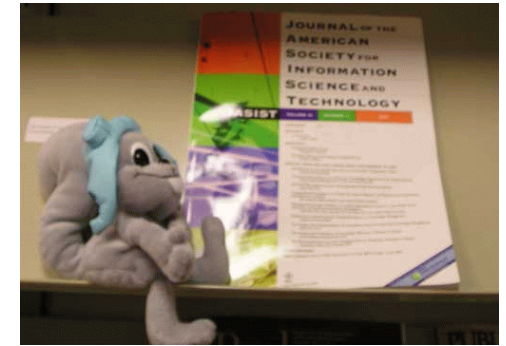
## Indexes

Information Science Journals are indexed on many online search services which are available through the library online catalog:

- ☞ **Information Science Abstracts**
- ☞ **Library and Information Science Abstracts**
- ☞ **Library Literature and Information Science** from HW Wilson
- ☞ **ABI/INFORM**
- ☞ **ERIC**
- ☞ **InfoTrac**
- ☞ **MLA Bibliography**

## Subject Headings

Information Science  
Bioinformatics  
Bibliometrics  
Information Retrieval  
Women in Information Science  
Information Policy  
Information Technology  
Information Science Bibliography  
Information Science - *geographic region*  
Information Display Systems  
Human Computer Interaction  
Information Organization  
Linguistics  
Semantic Web  
Human Information Processing



## Major Journals

In the GSLIS Library Periodical Section:

***Journal of the American Society for Information Science and Technology***  
- the leading journal in the field

***Journal of Information Science***  
- published by the Institute of Information Scientists

***Annual Review of Information Science and Technology***  
- the “current state of the profession”

***Library and Information Science Research***  
- entire focus on scholarly research

***LIBRES: Library and Information Science Research Electronic Journal***  
- <http://libres.curtin.edu.au/>

***Prometheus***  
- covers technological change, information economics, and policy.