Bibliometric Analysis as a New Business Area in Libraries

Dr Rafael Ball
Central Library
Research Centre Jülich, Germany

Asia-Pacific Conference on Library & Information Education & Practice (A-LIEP)
3rd – 6th April 2006

1. Introduction
2. New fields of business opportunities for libraries
3. Bibliometric analysis as a new library service: the Jülich experience
   3.1 Products
   3.2 Staff qualification
   3.3 Valid databases
4. Summary
Research Centre Jülich

- One of the 15 Helmholtz Research Centres in Germany
- Founded in 1956
- Staff of 4,200
- Fields of Research
  - Energy
  - Earth and Environment
  - Health
  - Key Technologies
  - Structure of Matter

The Central Library of Research Centre Jülich

- is a special library for scientific and technical information (STM)
- is responsible for the acquisition and provision of all kinds of media and information required at the Research Centre
- provides a lot of add-on services:
  - scientific publications for the Research Centre
  - press clipping service
  - bibliometric analysis
  - translation service
Introduction

New Boundary Conditions

Dramatic Technological Developments in the Information Sector

- Rising Prices
- Open Access
- Reduction of acquisitions budgets
- Change in Diversification of Media
- Automation of Operations
Libraries have achieved practically everything:

- Open Access
- Digitalization
- Seamless connectivity
- Happy digital users

What comes next?

New fields of business opportunities for libraries
Bibliometric analysis as a business area in libraries

1. Short definition of bibliometrics as we understand it.

2. Bibliometric service of the Central Library in Research Center Juelich.

Bibliometric products

- **Bibliometric message**: Gives a brief, compact response to a concrete question such as the number of citations.

- **Bibliometric report**: Detailed documentation (analysis and data) on a complex issue such as the impact factor of your institute within a subject area or in a national and international comparison.
Staff qualifications for Bibliometric Services

Status quo:
- Sociological and political science institutes
- Assistants and secretaries of science managers
- Scientists by themselves

Better:
- Information specialists
- Librarians
  interdisciplinary and independent

Valid databases for bibliometric analyses

Thomson Scientific’s citation databases (formerly ISI)
Diese Darstellung eher vertikal das wirkt seriöser
R.Bail, 3/9/2006
Valid databases for bibliometric analyses

Scopus (Elsevier Science)

Bibliometric analysis as a new library service: the Jülich experience

Summary

- Libraries have achieved nearly everything
- Libraries need new goals and business areas

⇒ Bibliometric analysis is a new and important library service
Diese Darstellung eher vertikal das wirkt seriöser
Thank you for your attention!

Please visit our homepage and find more detailed information on our services

http://www.fz-juelich.de/zb/