Open Access and Open Science at the University of Mannheim

Eugen Underberg
Subject librarian for political and social sciences
• University of Mannheim and Mannheim University Library

• Open Access

• Open Data

• Open Source
University of Mannheim

• Founded 1967

• 5 Faculty
  • Faculty for business administration
  • Philosophical faculty
  • Faculty for law and national economy
  • Faculty for social sciences
  • Faculty for business informatics and business mathematics

• About 12,000 students
  • 1,800 from 96 countries
  • 1,100 students from the University of Mannheim go abroad p.a.

• 450 cooperation universities
• 650 exchange programmes
Learning Center
Mannheim University Library

5 branch libraries at 5 different locations

1. Schloss Schneckenhof
2. Schloss Ehrenhof
3. Schloss Westflügel
4. A3
5. A5
Branch Library Schloss Ehrenhof
Mannheim University Library
Facts and Figures

• provide a collection of some 2.2 million units of literature and media covering all subject areas

• lend over 200,000 books per year to our students and staff

• buy over 20,000 print books a year

• offer over 30,000 electronic journals and 120,000 e-books

• provide appr. 600 databases in the main areas of study

• provide over 1,800 workplaces for students (500 group workplaces)

• employ over 80 FTE staff
Open Access

- Institutional research repository [MADOC](#)
- Electronic Publishing Service
  - Golden Road
    - Dissertation
    - Working Papers
    - Monographic series
    - ...
  - Green Road
    - Already published works, e.g. Journal Articles

- University Bibliography – records of Publications originated at the University (29.761 records 04.05.2017)
  - 15 % of records are available as full text
    - 88 % of dissertation are available as full text, 82.542 downloads in 2016
    - 1 % of journal articles are available as full text, 7.548 downloads in 2016
Activity Overview

29,761 Items

15% Full text

1,097,856 Downloads

15% Open access

Most downloaded items

1. Mitarbeiterzufriedenheit und Kundenzufriedenheit: Eine mehrrebenanalytische Untersuchung der Zusammenhänge
   20,929

Top Authors

1. Weber, Martin
   34,494

2. Börsch-Supan, Axel
   31,355

3. Albrecht, Peter
   23,409
Bibliographic records in MADOC
Documents according to faculty and institutions

- Institutions except faculty: 14%
- Faculty for business administration: 21%
- Faculty for law and national economy: 23%
- Faculty for social science: 11%
- Faculty for business informatics and business mathematics: 12%
- Philosophical Faculty: 13%
- Other: 7%
- Central Institutions: 0.6%
Monographic Series

- Area Information Systems and Institute for Enterprise Systems
  Department of Economics
- Fakultät für Sozialwissenschaft
- Institut für Volkswirtschaftslehre und Statistik
- Lehrstuhl für ABWL, Finanzwirtschaft, insb. Bankbetriebslehre (Weber)
- Lehrstuhl für ABWL, Risikotheorie, Portfolio Management und
  Versicherungswirtschaft (Albrecht)
- Service und Marketing GmbH
- Sonderforschungsbereich 504
- Veröffentlichung der Fakultät für Mathematik und Informatik
- Veröffentlichung der Universität Mannheim
- Veröffentlichung des MEA (Mannheim Research Institute For the
  Economics of Aging)
- Veröffentlichungen des Otto-Selz-Instituts
- Veröffentlichung des ZEW (Zentrum für Europäische
  Wirtschaftsforschung)
Top 10 downloads by country

- Germany: 53%
- Others: 11.2%
- USA: 10.9%
- China: 7.2%
- Sweden: 5.1%
- France: 3%
- Great Britain: 2.3%
- Ukraine: 1.9%
- Austria: 1.5%
- Switzerland: 1.3%
MADATA

- Research Data Repository of the University Mannheim

- The service invites all researchers and faculties, all members of the University

- Submit the research data and make it accessible through the internet for reference and further investigation

- MADATA is indexed in re3data
Data according to faculty and institutions

- Institutions except faculty: 21%
- Faculty for business administration: 49%
- Faculty for social science: 12%
- Faculty for business informatics and business mathematics: 9%
- Philosophical faculty: 2%
- Central institutions: 7%
Project Infolis II

- Purpose: automatical connection between publication and research data
- Text mining techniques, Linked Data, RESTful web services
- Integration of the connections in the discovery service, catalogues, databases...
- Automatical tagging of the research data

The goal of the InFoLiS project is to connect research data and publications. Links between data and literature are created automatically and made available for seamless integration into different retrieval systems.

All services for link creation are publicly usable as web services, but it's in rapid development. Please try the services and contribute by creating issues and by getting in touch with us.
Mannheim University Library on GitHub

https://github.com/UB-Mannheim
https://github.com/hbunke/BibsOnGitHub/blob/master/list.md
Open Source Palma
Palma – Open Source for Team Monitor

- [https://github.com/UB-Mannheim/PalMA](https://github.com/UB-Mannheim/PalMA)
- GPL
- Developed by Mannheim University Library
- Used by at least 5 other libraries in Germany
- Available languages for users: German, English, Chinese, Italian, Russian, Spanish, Albanian, Arabic, Urdu
Traffic light

- Available seats. The traffic light icon shows the percentage of occupied seats in each library.
  - Schloss Schneckenhof West Library
    - InfoCenter and special collections reading room
    - 41%

- No seats available
  - Schloss Westflügel Library – Central Lending Library with Textbook Collection

- Schloss Schneckenhof Library - Learning Center
  - Group study rooms and reading room
  - 26%

- A3 Library
  - The A3 Library hosts the collections for Ancient and Modern Language Studies, Media & Communication Studies, Education Sciences, Philosophy, Psychology and Theology. In addition, the library hosts the Media Center and the Diagnostic Treatment and Test Collection of the School of Social Sciences (Testothek)
  - 53%

- A5 Library
  - The A5 Library hosts the collections for Social Sciences, Mathematics and Computer Sciences and the collections of the European Documentation Centre (EDC) and the Mannheim Centre for European Social Research (MZES)
  - 62%

- Schloss Ehrenhof Library
  - Hasso Plattner Library
    - The Schloss Ehrenhof Hasso Plattner Library hosts the collections for Law, Economics, History, and Economic Geography and the Ernst & Young Foundation for Accounting, Business Taxation and Tax Law
  - 85%

- Schloss Schneckenhof Süd Library
  - The Schloss Schneckenhof Süd Library hosts the collections for Business Administration
  - 68%
Questions

How can OA be promoted especially in social sciences?
How can libraries convince the social scientists to public their work OA?
Thank you for your attention!