

# Developing integrated research data management support in close relation to doctoral students' research practices

## Research at Malmö University - Five faculties:

Faculty of Culture and Society  
Faculty of Education and Society  
Faculty of Health and Society  
Faculty of Odontology  
Faculty of Technology and Society

Plus Research Centres, eg. Biofilms and Malmö Institute for Studies of Migration, Diversity and Welfare

## Research Data Management in Sweden

- no national infrastructure
- work in progress nationally and locally
- some disciplinary solutions
- legal requirements on universities as government agencies

## Doctoral students as a targeted group:

In Sweden doctoral student follow a PhD program, which includes both general and specific courses. It takes 4 years of full time studies including doing research and writing a thesis. They are developing their research practices and keen to learn and reflect on different aspects of their research.

## The solution (our plan)

- seminaris and workshops
- three themes: finding research data; managing and organising research data (incl. DMP:s); describing and sharing data

## In order to make the research data you are working with open, in what areas would you need more knowledge or more support? Share (n=161)

|  |      |
|--|------|
| Rights and licenses for open research data                                 | 57 % |
| IT support for e.g. database solution, storage or backup                   | 47 % |
| Making available research data (general)                                   | 44 % |
| Services for making available research data within your subject            | 43 % |
| The archiving of research data   | 41 % |
| Journal requirements regarding open research data                          | 38 % |
| Current and coming demands from research financiers on open research data  | 37 % |
| Support concerning data management plans                                   | 35 % |
| Practical questions/support for making available research data in 2016     | 31 % |
| Support in data processing and organizing data during the research process | 27 % |
| Other  | 11 % |

## Example workshop - Finding Research Data

### Learning outcomes

- understand how research data is made available in different ways
- be able to find relevant data repositories and data sets

### Example of topics covered:

- Why manage research data?
- Searching in Data Citation Index (Web of Science) and re3data.org
- Swedish National Data Service and other data repositories
- Data Journals and citing data

## Work-in-progress Questions

- How relate to other courses for doctoral students, eg. in research methods or ethics?
- Keep close to disciplinary research practices - how do you do?

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