

CESSDA-Workshop

*Introduction to
Research Data Management
for Social Scientists*

October 22, 2015, 9:15 to 17:00
University of Tartu Library

Researchers in the social sciences and other disciplines are increasingly faced with the demand to implement research data management (see, for example, the EU's Open Data Pilot under Horizon 2020¹). Research data management refers to the strategies, processes, and measures required to assure the quality, understandability, and usability of research data. By systematically addressing potential sources of errors and threats to data quality throughout the research process, data management boosts the quality of research outputs and creates transparency and replicability of research findings. In addition, good data management enables data sharing, thereby creating an opportunity for other researchers to re-use data in new research contexts after the original project has ended.

Workshop description & structure:

With the intention of supporting participants in implementing research data management, the one-day workshop *Introduction to Research Data Management for Social Scientists* addresses its core elements, focussing on the following topics:

- research data management and its relevance;
- data documentation, handling, and storage;
- research ethics and legal compliance;
- preservation and data sharing.

Teaching is delivered through a combination of short presentations, hands-on exercises and discussions. The workshop is designed for PhD students as well as for principal investigators and researchers working with quantitative as well as qualitative data in social sciences.

By the end of the workshop participants will:

- have gained a basic understanding of research data management in social science research;
- be familiar with the roles and responsibilities of research staff with respect to research data management within the larger data lifecycle;
- be aware of data reuse and sharing in the social sciences;
- be able to implement a well-structured research data management plan.

¹ Horizon 2020 (2013): *Guidelines on Data Management in Horizon 2020*. The EU Framework Programme for Research and Innovation. Version 1.0, December 2013

About the Instructors:

Astrid Recker joined the GESIS International Data Infrastructure Team in July 2012 as a member of CESSDA Training. She has a master's degree in Library and Information Science and specializes in questions of digital preservation. Astrid has previously worked for the German Federal Institute for Vocational Education and Training, where she coordinated the library and bibliographic services team. She teaches modules and courses on digitization, digital preservation, and models of (open) access to digital content.

Sebastian Netscher joined the GESIS International Data Infrastructure Team in November 2014. He has a diploma degree in social sciences, designing and delivering data management workshops for CESSDA Training. Previously, Sebastian worked as a member of the secretariat of the Comparative Study of Electoral Systems (CSES) at the GESIS Data Archive for the social sciences in Cologne. Sebastian specializes in data harmonization and data management. He has long-term experiences in teaching methods on data analyses and data management.

Recommended Literature:

- CESSDA Training (2014): User Guide: Research Data Management. Available at: <http://cessda.net/CESSDA-Training/Research-Data-Management>, latest access: August, 04, 2015.
- DANS (2010). Preparing Data for Sharing. Guide to Social Science Data Archiving. DANS Data Guide 8. Amsterdam: Pallas, available at: <http://www.dans.knaw.nl/nl/over/organisatie-beleid/publicaties/DANSpreparingdataforsharing.pdf>, latest access: August, 04, 2015.
- DataONE (2011) Data Management Planning Tool. Available at: <https://www.dataone.org/data-management-planning>, latest access: August, 04, 2015.
- ICPSR (2011): Guidelines for Effective Data Management Plans. Available at: <http://www.icpsr.umich.edu/icpsrweb/content/datamanagement/dmp/index.html> latest access: August, 04, 2015.
- Jones, S. (2011): How to Develop a Data Management and Sharing Plan. DCC How-to-Guides, available at: <http://www.dcc.ac.uk/resources/data-management-plans> latest access: August, 04, 2015.
- Ray, J. (Ed.) (2014) Research Data Management: Practical Strategies for Information Professionals. West Lafayette, Indiana: Purdue University Press.
- UK Data Archive (2015): Prepare and Manage Data. Available at <http://ukdataservice.ac.uk/manage-data>, latest access: August, 04, 2015.
- van den Eynden, V., Corti, L., Woollard, M., Bishop, L. and Horton, L. (2009). Managing and Sharing Data. A Best Practice for Researchers. 2. Aufl. Colchester: UK Data Archive, University of Guide Essex, available at: <http://www.admin.ox.ac.uk/media/global/wwwadminoxacuk/localsites/researchdatamanagement/documents/managingsharing.pdf>, latest access: August, 04, 2015.