

Expert workshop on Research Data Management: metadata

VENUE: The National Archive of Denmark, Odense (Rigsarkivet, Odense), Jernbanegade 36, 5000 Odense C.

SPEAKERS: Louise Corti & Veerle Van den Eynden, UK Data Service, University of Essex, UK

This workshop, aimed at data archives and libraries staff, will teach the concepts and importance of metadata in the management of collections of research data, through theory and hands-on demonstrations and exercises.

Metadata is an integral part of the ongoing management of data collections, ensuring that data will be usable into the future. At the dataset level, metadata describe the content, context and provenance of the dataset in a standardised and structured manner, typically explaining the purpose, origin, time references, geographic location, creating authors, access conditions and terms of use of a dataset. This provides structured searchable information that helps users to find existing data resources, judge whether a particular dataset is suitable for their research purpose, and also provides a bibliographic record for citing data, including linkages with research and data papers. Metadata also allow more detailed documentation of individual variables and data capture events.

Metadata are often structured to international standards or schemes such as Dublin Core, Data Documentation Initiative, ISO 19115, consisting of mandatory and optional elements, and rely on using controlled vocabularies and thesauri.

The creation of metadata is a joint effort from the data creator and the library, data archive or publisher that will curate and disseminate the data.

Programme

The concept and role of metadata:

- research documentation
- data searching and retrieval
- sharing and re-use of data
- citation
- data management planning

Metadata standards

Creating and using/exploiting high quality dataset-level and variable-level metadata

- tools and tricks
- supporting researchers
- discovery and research platforms

Metadata for research transparency and replication

- publishing data and code
- data papers
- motivating researchers with metadata production

Each topic will consist of theory and practice. We will use real case examples such as CLOSER Discovery, Nesstar Publisher, NADA, ReShare, Scientific Data journal, Research Data Journal.

Bio speakers

Louise Corti is an Associate Director of the UK Data Archive and Head of the Producer Relations and Collections Development teams. Louise's activities are focused around standards and technologies for ingesting, archiving and presenting digital social science data, particularly using open source infrastructures and tools. She has held numerous research awards in these areas focusing on best practice, training and tools. She is co-author of *Managing and Sharing Research Data: A Guide to Good Practice* (2014) and leads qualitative data activities at the Archive.

Veerle Van den Eynden manages the Research Data Management (Producer Support) section for the UK Data Service. This section promotes and provides guidance, support and training on data management, data management planning and data sharing to researchers and data producers, in order to promote good data practices in research and to optimise data sharing opportunities. The team also coordinates the archiving and sharing of research data via the ReShare data repository. Veerle also leads research and development projects on data management, data sharing and open research, as well as research data infrastructure developments for the Archive.

Date: Tuesday, Apr 25th 2017 **Time:** 10:00 - 16:00