We are right now finishing short, specialized training programs in different aspects of information, training and support are important tasks for a successful UiT Open Research Data is still in its initial phase and improvements and developments in several areas of the service will be added.

1 HIGHLIGHTS

- An institutional archive for open research data
- A general service for the researchers at the institution, provided and managed by the University Library and the ITC-department
- Built on Dataverse, a SW originated from Harvard University
- The metadata scheme complies with the DataCite requirements, and the service is indexed by DataCite
- Assigning DOI (permanent ID) to each dataset
- Datasets curated by the library before published
- CC0 waiver as default
- UiT Open Research Data is still in its initial phase and improvements and developments in several areas of the service will be added.

3 THE ARCHIVING PROCESSES – AND USE

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Library</th>
<th>Community</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create account</td>
<td>Create a dataset</td>
<td>Cite the dataset</td>
</tr>
<tr>
<td>– Log in</td>
<td>- enter metadata</td>
<td>– Cite a dataset</td>
</tr>
<tr>
<td></td>
<td>- upload files</td>
<td>– Resuse a dataset</td>
</tr>
</tbody>
</table>

Curation of dataset:
- control of metadata
- control of filetypes

Publish the dataset:
- Search for datasets

4 COMMUNITY

The research community:
- Many face requirements to archive their research data
- Some fear their research data will be lost after they retire
- The initiative and conceptual input for our first service on research data came from professors at Department of Language and Linguistics, UiT: TROLLing

The library:
- creates guidelines and instruction videos to assist researchers and offers training and support
- Curators at the library check and improve the quality of the metadata
- Curators at the library check and, if needed, advice researcher to convert data files to persistent archival formats
- Curators publish the uploaded and checked data sets
- The ITC-department runs the application, the user authentication service, monitor the servers and manage the back up

5 TRAINING AND SUPPORT

- There is a strong need for raising awareness among the researchers, academic community, research advisors and students, of the benefits of open science
- Information, training and support are important tasks for a successful implementation
- The library will develop, organize and implement these services at the institution
- Reaching researchers with guidance and support is best done individually and ad hoc - Good descriptions of the data, good metadata for best retrieval, persistent file formats.
- Teaching curriculum for best practices in research data management is developed and very well received among the PhD students
- We are right now finishing short, specialized training programs in different aspects of data managements, designed for experienced researchers, covering different phases of the research process like:
  - Data management plans - why and how to comply with funders requirement
  - Manage your data files – organize, give name to and select a long lasting file format
  - How to describe your datasets? – about metadata standards, use of Read-me files
  - A license for your dataset – why you should add a license and pro/con for various licenses
  - Archive your datasets – why and how to comply with funders requirement
  - Publish your datasets – maximum dissemination and impact for your data, how to cite your data, the advantage (and disadvantage?) of sharing

6 ORGANIZING AND PROMOTING THE ARCHIVE

- Datasets are published at the root level, as default
- Research projects or research groups may ask to have their own collection (sub-dataverse), for their common datasets
- TROLLing is an example of such a sub-dataverse
- Datasets are retrieved through searchable metadata and tags, rather than through browsing
- Efforts to raise awareness of the service among UiT researchers is needed
- The University will likely establish policies for the research data produced at the institution
- The service is in operation but will be formally launched September 1, 2016

7 CONTACT

The service: http://opendata.uit.no – opendata@ub.uit.no
The institution: UiT The Arctic University of Norway, Library – https://en.uit.no/ub