Posters

UiT Research Data Policy

- Entitled with: *Principles and Guidelines for managing research data at UiT*
- Effective as of September 1, 2017
- Apply to all employees, including PhD students
- As a rule, UiT owns all research data generated by employees at UiT
- Its purpose is to clarify responsibility and provide guidance

Researcher responsibilities
- All projects where research data management is relevant shall have a Data Management Plan
- Research data shall be stored, backed up, and archived in either UiT Open Research Data or other suitable archives approved by UiT
- Research data shall be openly available for further use provided there are no legal, ethical, security or commercial reasons for not doing so

The university's responsibilities
- UiT shall offer the data archiving and publishing service, UiT Open Research Data.
- UiT shall facilitate that research data is made openly accessible for use as early as possible and at the lowest possible cost.

Support services and training
UiT shall offer basic services, including guidance and support in:
- the development of DMP,
- processing, storing and archiving of research data,
- choosing licenses,
- guidance on third party agreements

All training, support and guidance UiT offers shall aspire to meet best practice.

UiT Open Research Data

Background
- UiT has a long history of working with Open Access, - since 1999
- Open Research Data is a natural next step towards openness in science
- UiT Open Research Data launched on September 1, 2016
- Aim to promote open and reproducible research

Structure of UiT Open Research Data
- A data archiving service for archiving, sharing, reusing, and citing research data
- Available to all employees and students at UiT
- Available to all for download and reuse
- Operated by the University Library in partnership with ITA
- Built on the Dataverse software, an open source platform from Harvard University
  - Uses standard metadata templates in compliance with **DataCite**
    - Persistent file formats required to ensure long-term accessibility
      - Each dataset is assigned a persistent identifier (**DOI**) and automatically generated reference for use in publications
        - Has version control, whereby all changes made in the dataset after initial publication are registered and made visible
          - Visible to main search engines
            - By 2020, UiT will have established services for storage of all types of research data

CORE TRUST SEAL ✓ — In 2018, UiT Open Research Data will apply for the CoreTrustSeal certification of trustworthy data repositories.

UiT Open Research Data — support transparent and reproducable research

UiT Open Research Data: opendata.uit.no
The research data portal: uit.no/forskningsdata
E-mail: research-data@support.uit.no

OPEN RESEARCH DATA AND ITS POLICIES

Experiences from UiT The Arctic university of Norway
The 27th Polar Libraries Colloquy, June 10 – 15, 2018
Rovaniemi, Finland

Ali, Abdurhman Kelil, Aysa Ekanger, Glennda Villaflor, Helene N. Andreassen, Karl Magnus Nilsen, Lars Figenschou, Leif Longva, Obiajulu Odu, Philipp Conzett & Stein Høydalsvik

Background

Good management and sharing of research data is a key principle for UiT The Arctic University of Norway. UiT endorses the principles for research data management of the Research Council of Norway[1] and the EU[2] – «Open as standard» and «As open as possible, as closed as necessary».

Senior Research Data Project

- 3 year project, started in 2017
- Aims to preserve research data from UiT's senior researchers and make them available for future research, documentation and verification of previous research
- Provides guidance and support to seniors researchers so that they can openly archive their data in a secure and long-term storage service, i.e. UiT ORD
- The ambition is to cover all research disciplines over a three-year period.

For example, Professor Robert T. Barrett at Tromsø University Museum:

- Has collected data about seabirds and migratory birds for over 40 years
- Retires at the end of June 2018
- Now all his data (close to 25 datasets) from a long research life are archived at UiT Open Research Data archive and available to all.
- Barrett believes it is great that others can access all his collected research data in the future.
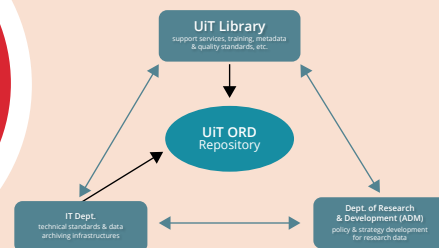
"It's only positive and great if my data from a long research life can benefit others, and even better, if they refer to me. I get a citation, and at the same time, others know that it was I who collected the data[3]".

Robert Barrett weighing a puffin chick at Hornøya in July 2008 (Photo: Adrien Brun)

Administrative organization

UiT Open research Data – cross-institutional collaboration

UiT Library
support services, training, metadata & quality standards, etc.

UiT ORD Repository

IT Dept.
technical standards & data archiving infrastructures

Dept. of Research & Development (ADM)
policy & strategy development for research data

Courses offered by the university library
- An introduction to Research data management at UiT
- How to search and cite research data
- How to select an appropriate license
- How to structure and document research data
- How to share research data
- How to write a data management plan.

Other development

- Template for Data Management Plan for employees and student
- UiT Research Data Portal where all relevant information for research data management are available at one place
- Curator guide and User guide for archiving research data at UiT Open Research Archive

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[1] The Research Council of Norway's policy for access to research data
[2] Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020
[3] Figenschou, Lars; Høydalsvik, Stein; Longva, Leif. Hvordan håndterer du forskningsdata? Forskerforum 13-03-2018

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