

UNIVERSITY OF OSLO

Share, archive and reuse research data

Heidi Sjursen Konestabo, Ivana Malovic, Live Kvale

University Library

October 9th 2024, RDM module 2.

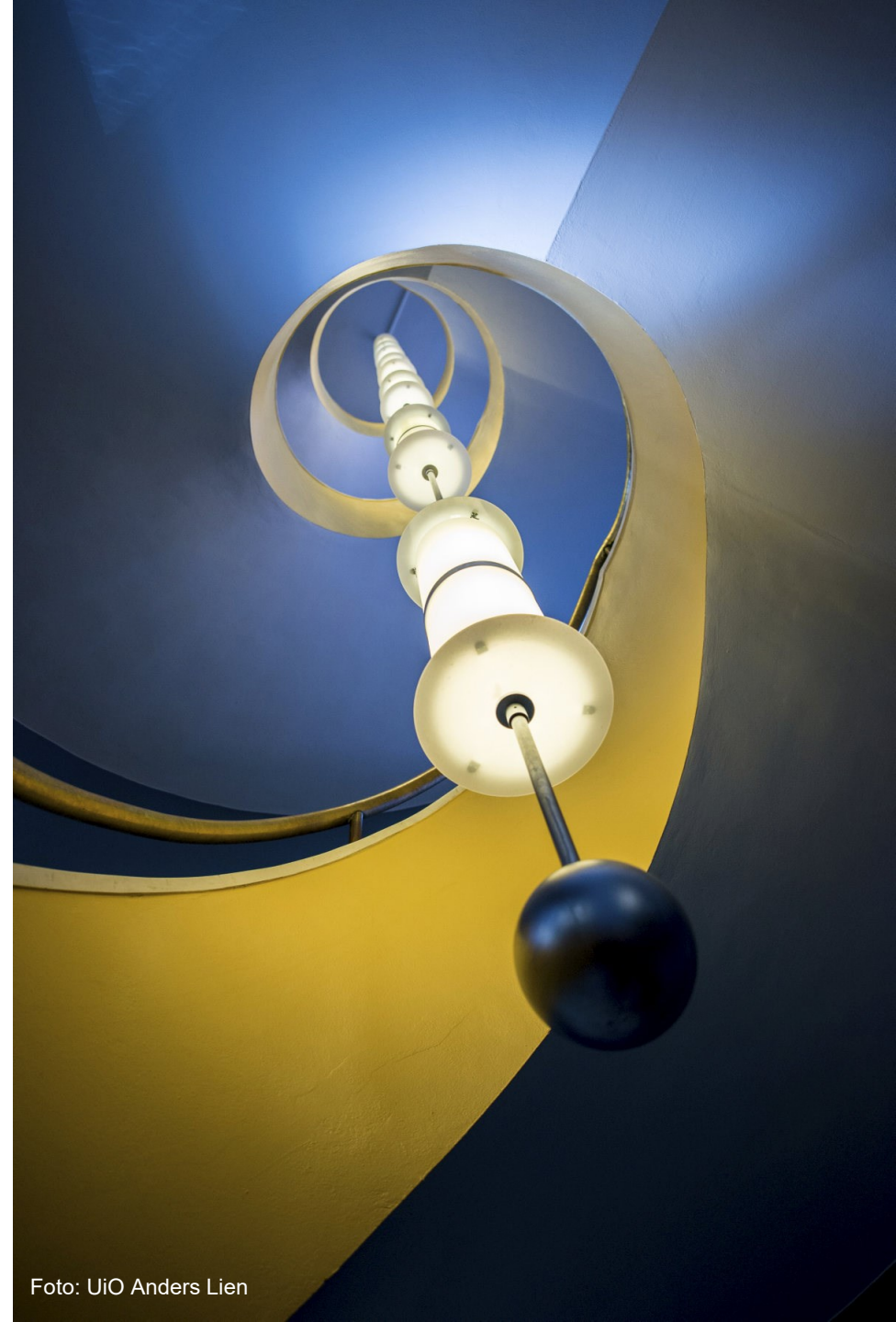
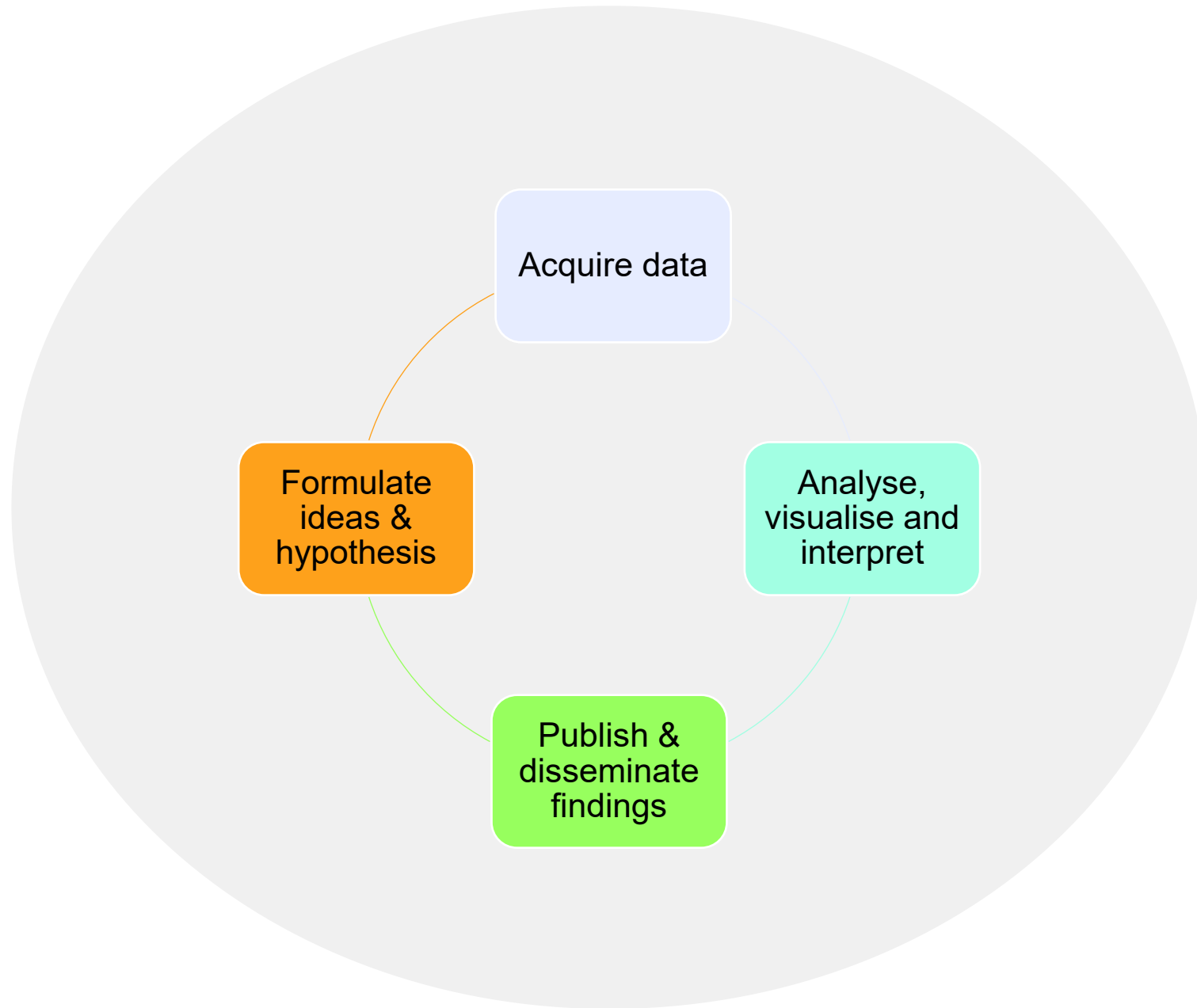


Foto: UiO Anders Lien

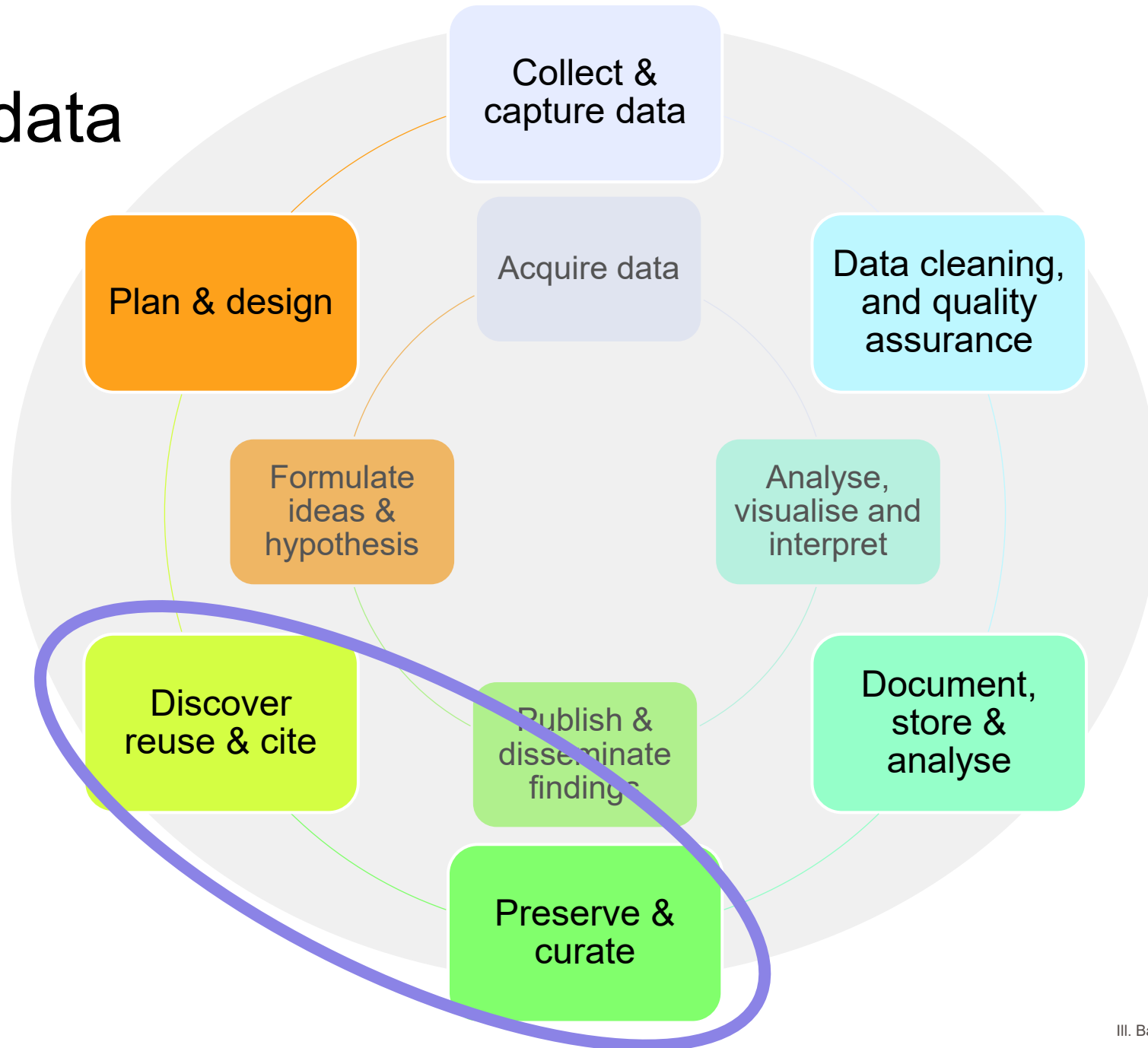
Agenda:

- Where to find (and archive) data?
- Searching for data
- Findability and interoperability
- Different licenses
- Archiving data
- Data citation

Research



Research data



Activity

- 1: What are your data?
- 2: What experience do you have reusing and/or archiving data?
- 3: What are your reasons to share data?

Where to find (and archive) data?

Domain-specific data repositories



HEPData



General-purpose data repositories



Open Science Framework



Archiving of Code



National or institutional data archives



NIRD RESEARCH DATA ARCHIVE

Two decades of fumigation data from the Soybean Free Air Concentration Enrichment facility

Elise Kole Aspray, Timothy A. Mies ... Elizabeth A. Ainsworth
Data Descriptor | 20 April 2023



Announcements

Collection open for submissions

Scientific Data is open to submissions for this special collection: Meteorology and hydroclimate observations and models

Open for submissions



Collection open for submissions

Scientific Data is open to submissions for this special collection: Genomics data for plant ecology, conservation and agriculture



Data journals



Finding data repositories – re3data.org



Browse by subject

Graphical

Text

click to zoom into subjects or to select a bottommost subject in the hierarchy as filter for the re3data search page
shift + click on a top subject to select it as filter



STANDARDS

DATABASES

POLICIES

COLLECTIONS

ORGANISATIONS

ADD CONTENT

STATS

Databases

A registry of knowledgebases and repositories of data and other digital assets.

Search through current results.

SEARCH

MATCH ALL TERMS

MATCH ANY TERM



MAINTAINED

NOT MAINTAINED



RECOMMENDED

NOT RECOMMENDED



READY

DEPRECATED

UNCERTAIN

IN DEV.

Registry

Search

APPLY

Record Type

Search

APPLY

Subjects

Search

APPLY

Clear All

Registry: Database



1

2

3

...

68

69

70



Displaying 1 to 30 of 2099.



GMM



GoMapMan

GoMapMan is an open web-accessible resource for gene functional annotations in the plant sciences. It was developed to facilitate improvement

Botany

Gene Funct...

Plantae

+6 more tags

Standards Implemented

0

Related Databases

3

WoRMS



World Register of Marine Species

The aim of a World Register of Marine Species (WoRMS) is to provide an authoritative and comprehensive list of names of marine organisms

Environme...

Taxonomic...

All

+4 more tags

Standards Implemented

3

Related Databases

12

GenBank



GenBank Nucleotide Sequence Database

GenBank ® is the NIH genetic sequence database of annotated collections of all publicly available DNA sequences. GenBank is part of an Internationa

Functional ...

Nucleic Aci...

All

+20 more tags

Standards Implemented

13

Related Databases

37

Activity

- 1: Browse *re3data.org* and/or *FAIRsharing.org* and select a relevant repository.
- 2: How would you assess the quality and sustainability of this repository?
- 3: Have you ever published or thought about publishing a data paper?

Searching for data

Deciding on what kind of data you need

- What is the **theme/domain** you study?
- What is your **research question**?
- What are the **constructs/concepts** and how you will operationalize them?
- What is your **theory**?
- What **study** will you perform?
- What specific characteristics should the data have?

Search engines



Dataset Search

Search for Datasets



Try [coronavirus covid-19](#) or [water quality site:canada.ca](#).

[Learn more](#) about Dataset Search.

Search engines



LoginEnglish

Basic searchAdvanced searchBrowsingSearch history

Advanced Search

Entire Document	☒	
Title	☒	
Author	☒	
ORCID iD	☒	
Subject Headings	☒	
DOI	☒	
(Part of) URL	☒	
10 Hits per page	☒	☐ Boost open access documents

Document Type

☒ All

☒ Text

☐ Book☐ Book part☐ Journal/Newspaper☐ Article contribution☐ Other non-article

☐ Conference object☐ Report☐ Review☐ Course material☐ Lecture☐ Manuscript

☐ Patent☐ Thesis☐ Bachelor thesis☐ Master thesis☐ Doctoral and postdoctoral thesis

☒ Musical notation☒ Image/Video☒ Software

☒ Map☐ Still image☐ Dataset

☒ Audio☐ Moving image/Video☐ Unknown

Access

How to set up search queries?

Choose **keywords**

- Use the terms from your discipline
- Focus on main concepts
- Think of possible synonyms

Use **boolean operators** (if allowed)

- Terms such as AND, OR

In general search engines (e.g. Web of Science) add «data» or «dataset» to the search query or choose the type of document in the filters.

Activity

- 1: Which key words would you choose to find data in your field?
- 2: Test the BASE dataset search with your keywords
- 3: Test the *advanced search functions* work (datatypes and formats)
- 4: Select one dataset to assess

<https://www.base-search.net/Search/Advanced>

<https://www.phdontrack.net/review-and-write/search-techniques/#toc8>

Dataset assessment

Documentation and quality:

- **What** information was collected? (content)
- **Who** collected the data and when? (provenience)
- **Why** were the data created? (purpose)
- **How** were the data **collected**? (methodology)
- **How** were the data **processed** and **“cleaned”**, are there any **missing data**?
- What **quality assurance procedures** were used?

Access the data:

- Is it free? Do I need to register? Is the access restricted?
- Do I need to apply to get access?

Data format:

- Is the format of the files correct for your analyses?
- Do you need to transform the files or the dataset?

Findability and Interoperability







Metadata

File name: 2019-10-11_ScreenShot.png

Source: <https://kart.finn.no>

Year: 1937

Location: Oslo, Blindern

Location_GPS: 59.93760° N, 10.72122° Ø

59° 56' 15.4"N, 10° 43' 16.4"Ø

Altitude: 76m

METADATA

- **“Data about data”**
 - Descriptive metadata
 - Administrative metadata
 - Structural metadata
- Descriptions that facilitate **cataloguing data and data discovery**
- Intended **for human and machine-reading**
- **Help to explain** the purpose, origin, time, location, creator(s), term of use, and access conditions of research data
- Metadata standards are commonly **defined by data repositories**.
- Your discipline might have **standards for metadata**, if not **use a general metadata** standard for optimized **interoperability**.

PIDs and metadata harvesting

Files Metadata Terms Versions

Citation Metadata ^

Persistent Identifier ?	doi:10.18710/ORBMMK
Publication Date ?	2023-06-12
Title ?	Health personnel and mortality in Norway 1887-1921
Author ?	Lind, Jo Thori (University of Oslo) - ORCID: 0000-0002-2980-3814 Kotsadam, Andreas (Ragnar Frisch Centre for Economic Research) - ORCID: 0000-0002-6910-0734 Modalsli, Jørgen (OsloMet – Oslo Metropolitan University) - ORCID: 0000-0003-2386-9262
Point of Contact ?	Use email button above to contact. Lind, Jo Thori (University of Oslo)
Description ?	The data set consists of data on birth and mortality rates, as well as health personnel in Norway between 1887 and 1921. The data is drawn from comprehensive annual medical reports published by Direktøren for det civile Medicinalvæsen. They reports are based on submissions from local physicians and were published in the 19th and 20th century. The data are described in more detail in the attached Documentation.pdf and the supporting publication Kotsadam, A., Lind, J.T. & Modalsli, J. "Call the midwife. Health personnel and mortality in Norway 1887–1920." Cliometrica 16, 243–276 (2022). https://doi.org/10.1007/s11698-021-00230-9 (2023-02-17)
Subject ?	Social Sciences
Keyword ?	Health policy (MeSH) http://id.nlm.nih.gov/mesh/D006291 Public services (LCSH) http://id.loc.gov/authorities/subjects/sh00006885 History (MeSH) http://id.nlm.nih.gov/mesh/M0030460 Mortality (MeSH) http://id.nlm.nih.gov/mesh/T026976
Related Publication ?	Kotsadam, A., Lind, J.T. & Modalsli, J. Call the midwife. Health personnel and mortality in Norway 1887–1920. Cliometrica 16, 243–276 (2022). doi: 10.1007/s11698-021-00230-9 https://doi.org/10.1007/s11698-021-00230-9
Language ?	English
Producer ?	University of Oslo (UiO) https://www.uio.no/english/
Contributor ?	Project Member : Kotsadam, Andreas Project Member : Lind, Jo Thori Project Member : Modalsli, Jørgen Data Collector : Knutsen, Tora Data Collector : Reiremo, Adam Data Collector : Kordahl, Emil Data Collector : Aasen, Inga

Export Metadata ▾

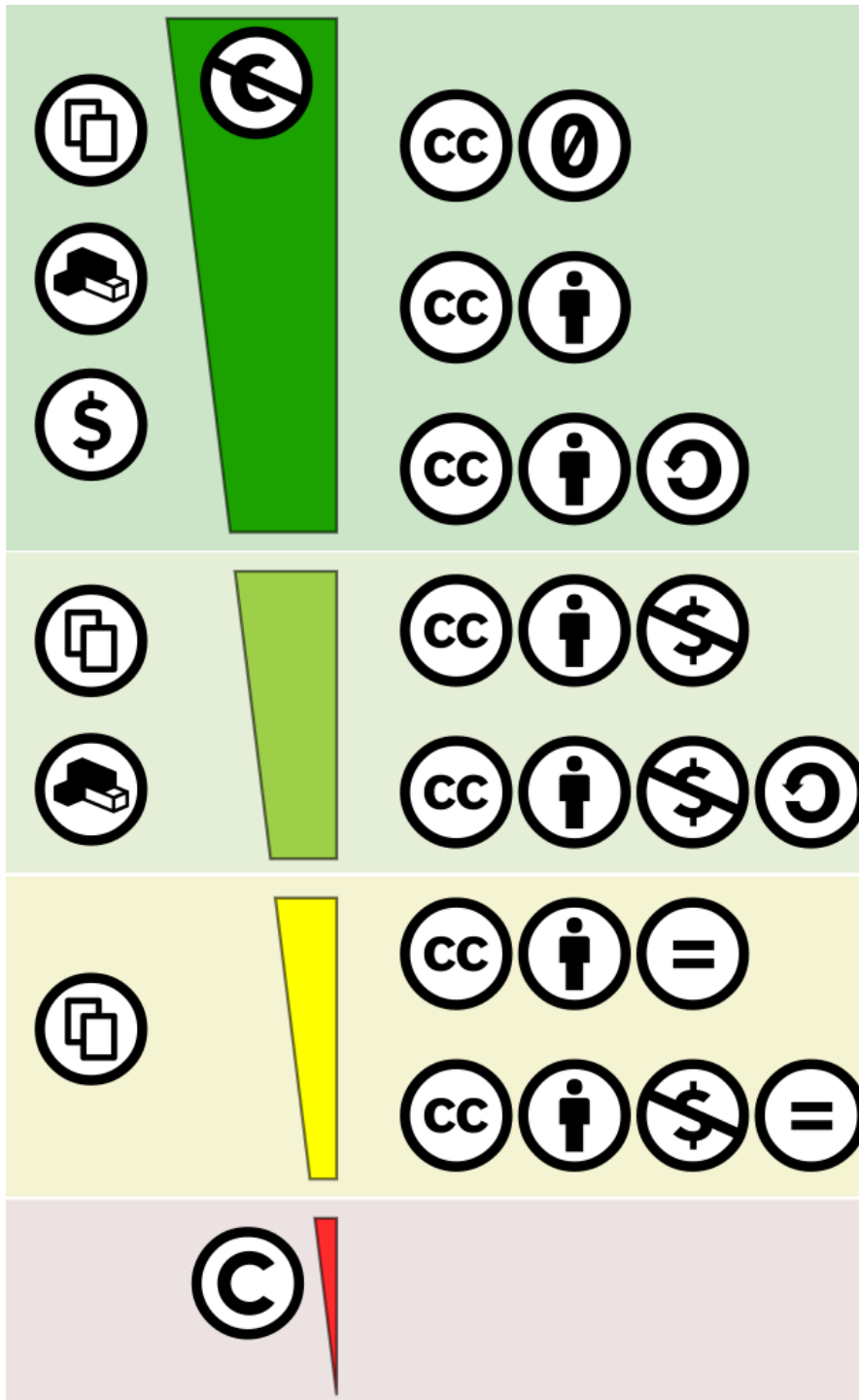
Dublin Core
DDI
DataCite
DDI HTML Codebook
JSON
OAI_ORE
OpenAIRE
Schema.org JSON-LD

PIDs and metadata harvesting

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  </descriptions>
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      <affiliation>(University of Oslo)</affiliation>
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      <contributorName>University of Oslo</contributorName>
    </contributor>
  </contributors>
</resource>
```

Different Licenses





- is a public dedication tool, which allows creators to give up their copyright and put their works into the worldwide public domain.



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DataVerseNO > University of Oslo >

Replication Data for: Devonian–Carboniferous extension and Eurekan inversion along an inherited WNW–ESE-striking fault system in Billefjorden, Svalbard

Version 1.0



Koehl, Jean-Baptiste; Allaart, Lis; Noormets, Riko, 2023, "Replication Data for: Devonian–Carboniferous extension and Eurekan inversion along an inherited WNW–ESE-striking fault system in Billefjorden, Svalbard", <https://doi.org/10.18710/UCRW4L>, DataVerseNO, V1

[Cite Dataset ▾](#)

Learn about [Data Citation Standards](#).

Access Dataset ▾

Contact Owner

Share

Dataset Metrics ⓘ

0 Downloads ⓘ

Description ⓘ

High-resolution version of the figures in the following manuscript: "Devonian–Carboniferous extension and Eurekan inversion along an inherited WNW–ESE-striking fault system in Billefjorden, Svalbard". High-resolution versions of the figures are necessary to identify individual structures presented and discussed in the text. (2022-10-21)

Subject ⓘ

Earth and Environmental Sciences

Keyword ⓘ

Fault, Devonian, Carboniferous, Svalbard, Billefjorden, Eurekan, Late- to post-Caledonian extension, Fold, Timanian Orogeny

Related Publication ⓘ

Norwegian Journal of Geology, submitted for review.

License/Data Use Agreement



CC0 1.0

[Files](#)

[Metadata](#)

[Terms](#)

[Versions](#)

Dataset Terms ^

License/Data Use Agreement

Our [Community Norms](#) as well as good scientific practices expect that proper credit is given via citation. Please use the data citation shown on the dataset page.



CC0 1.0



- Credit must be given to the creator



Veined octopus eating a crab

 Silke Baron

https://en.wikipedia.org/wiki/Octopus#/media/File:Veined_Octopus_-_Amphioctopus_Marginatus_eating_a_Crab.jpg

 More details
35

 CC BY 2.0

Summary [\[edit \]](#)

Description	English: Veined Octopus - <i>Amphioctopus marginatus</i> eating a Crab.
Date	15 July 2009, 03:23:29
Source	Flickr
Author	Silke Baron

Licensing [\[edit \]](#)

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Attribution: Silke Baron



You are free:

- **to share** – to copy, distribute and transmit the work
- **to remix** – to adapt the work

Under the following conditions:

- **attribution** – You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.



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File history

Click on a date/time to view the file as it appeared at that time.

	Date/Time	Thumbnail	Dimensions	User	Comment
current	11:41, 6 July 2010		2,567 × 1,917 (1.69 MB)	Flickr upload bot (talk contribs)	Uploaded from http://flickr.com/photo/37707866@N00/3776717505 using Flickr upload bot

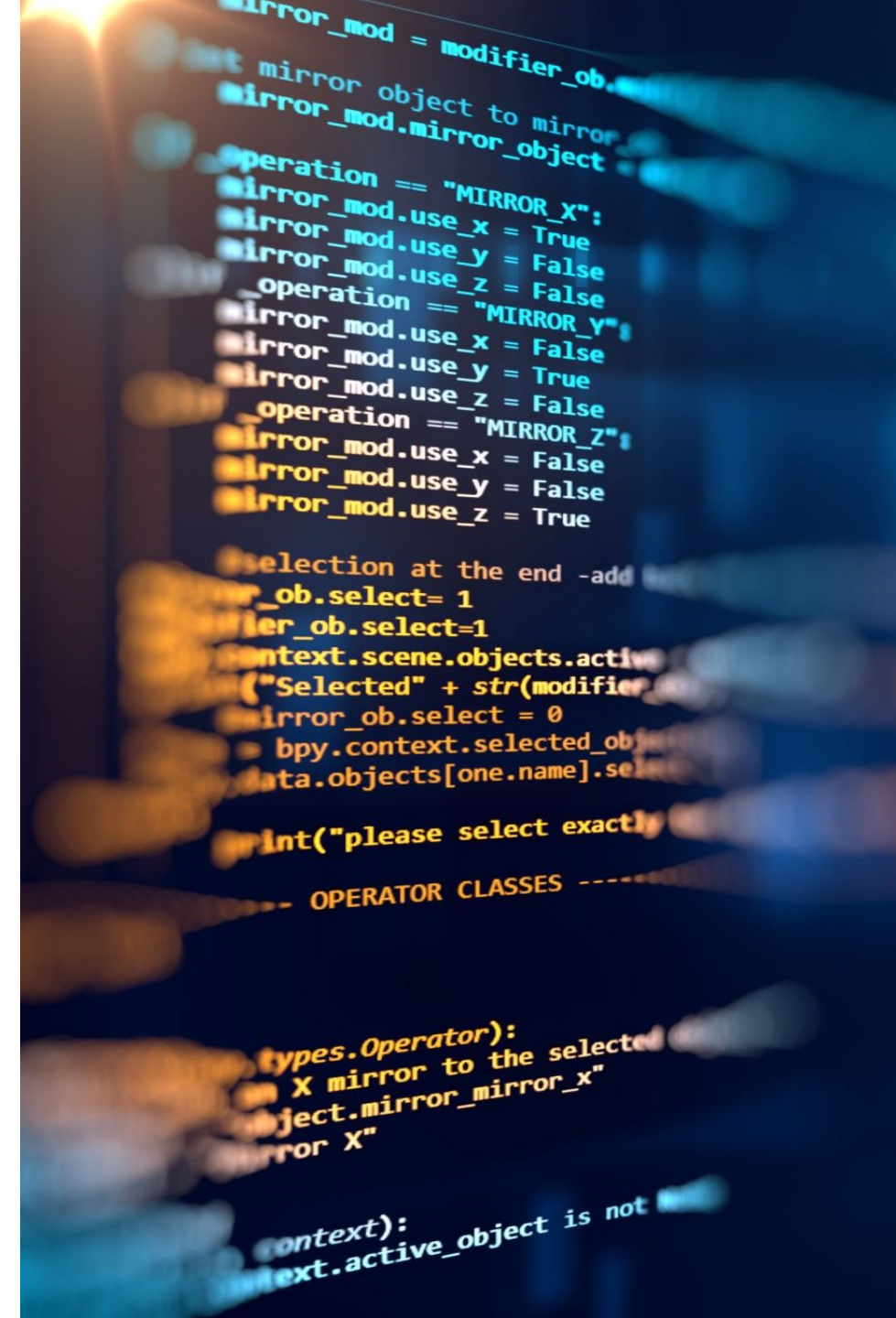
Reusable code

In a project:

- Continue to use existing license.
- Look for the license in the readme-file.
- If you don't find a license, ask the maintainer.
- Follow community practices.

More information at The Turing Way:

<https://book.the-turing-way.org/reproducible-research/licensing>



Choice of license

1. What is protected in the research data?
2. Does a collaboration or funding agreement dictate terms of licensing?
3. Will the repository dictate licensing terms?
4. Should the same licence apply to all the research data?
5. Is attribution necessary or desirable?
6. How will the licence be communicated?
7. Will derivatives and re-use be permitted?
8. Is commercial use envisaged?

Activity

1: Continue assessments of the dataset: are you allowed to use the data and how? (**license**)

2: Consider how would you license your data?

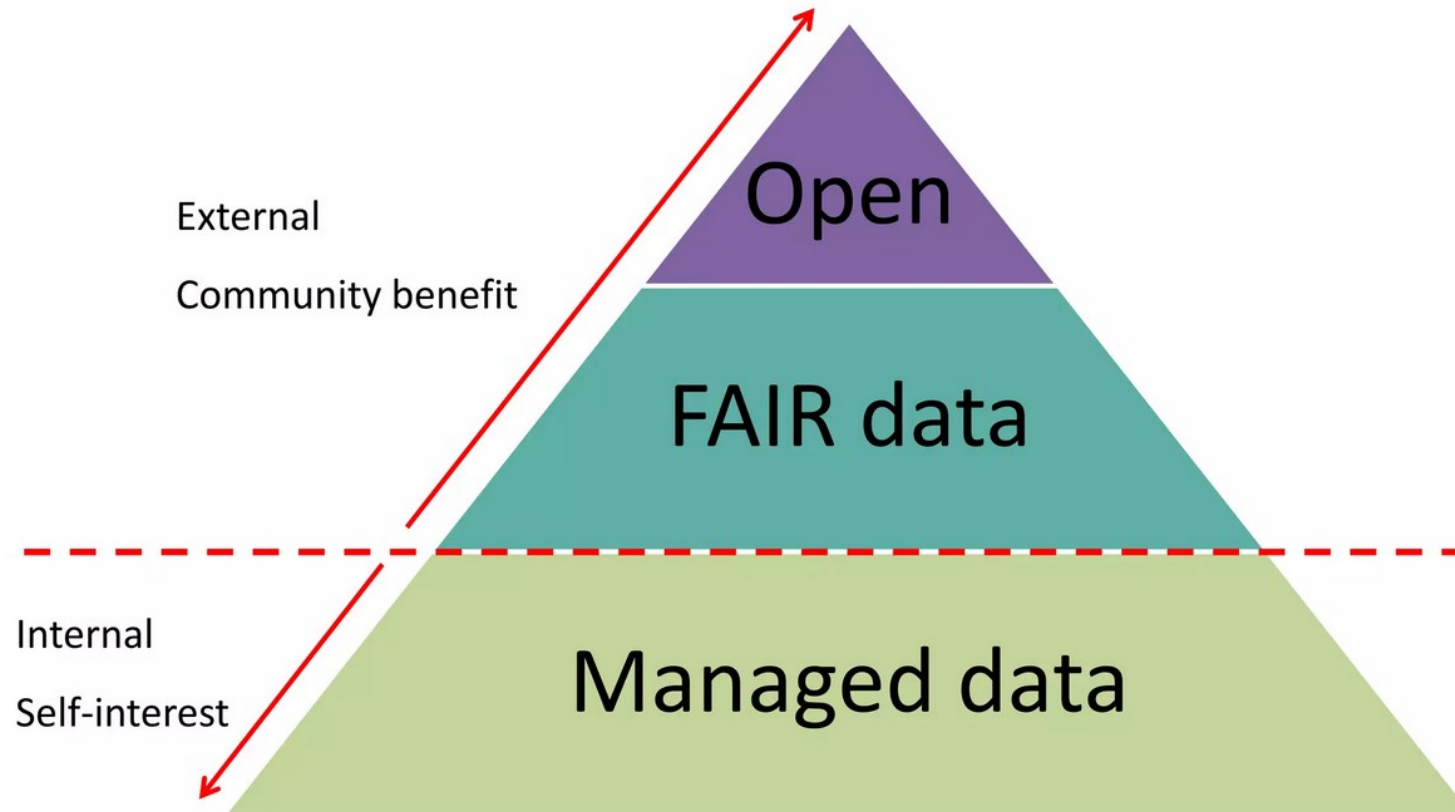
Test **Creative Commons Chooser**: <https://creativecommons.org/choose/?lang=en>

Or **Choose a license**: <https://choosealicense.com/>



Scriberia 

As **open** as possible,
as **closed** as necessary



Activity

- 1: Should the **data you work with** be openly available?
- 2: Does the data contain **personal or confidential data**?
- 3: Should the **metadata** be openly available?

Archiving data

Select a repository which...

- is **domain specific** if this exist in your field
- is **certified as a trusted** repository.
- supports **persistent identifiers**.
- offers **curation**.
- offers an **informative landing page with metadata**.
- attaches a **licence**.
- provide **usage statistics**.
- **matches your** specific data **needs** (formats, size, openness)
- **provides guidance** on how to cite deposited data.

What should the documentation contain?

GENERAL INFORMATION

SHARING/ACCESS INFORMATION

DATA & FILE OVERVIEW

METHODOLOGICAL INFORMATION

DATA-SPECIFIC INFORMATION



README.txt-file

DataverseNO

- **National** archive for **general** research data from **all disciplines**
- Is for **Open data only**, DataverseNO can only be used for **green data**
- **UiO** has its own **collection**
- Data are **curated** by the UiO Library
- **Deposit guide:** <https://site.uit.no/dataverseno/deposit/prepare/>



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<https://dataverse.no/dataverse/uio>

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DataverseNO >

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[Advanced Search](#)

☒ [Dataverses \(0\)](#)

☒ [Datasets \(47\)](#)

☐ [Files \(1,447\)](#)

Publication Year

2024 (5)

2023 (21)

2022 (7)

2021 (7)

2020 (5)

[More...](#)

Subject

[Earth and Environmental Sciences \(26\)](#)

[Medicine, Health and Life Sciences \(8\)](#)

[Social Sciences \(8\)](#)

[Arts and Humanities \(7\)](#)

[Physics \(5\)](#)

[More...](#)

Keyword Term

[Svalbard \(11\)](#)

1 to 10 of 47 Results

[Sort](#)

[Effect of DOM quality and origin on uptake and accumulation of a lipid-soluble contaminant in a mucous-feeding ascidian \(Ciona\) compared to a cirri-trapping bivalve \(Mytilus\)](#)

Feb 19, 2024



Schultze, Sabrina, 2024, "Effect of DOM quality and origin on uptake and accumulation of a lipid-soluble contaminant in a mucous-feeding ascidian (Ciona) compared to a cirri-trapping bivalve (Mytilus)", <https://doi.org/10.18710/EFDUXJ>, DataverseNO, V1

This is an experimental dataset within the field ecotoxicology. The target of the experiment was to find out whether terrestrial derived dissolved organic matter is a better contaminant vector for lipophilic contaminant to filter feeders than other types of dissolved organic matt...

[Replication data for, "A multiple life history trait-based and time-resolved assessment of imidacloprid effects and recovery in the widely distributed collembolan Folsomia quadrioculata"](#)

Feb 15, 2024



Sengupta, Sagnik, 2024, "Replication data for, "A multiple life history trait-based and time-resolved assessment of imidacloprid effects and recovery in the widely distributed collembolan Folsomia quadrioculata"", <https://doi.org/10.18710/YH76VY>, DataverseNO, V1

This data was collected as a part of the MULTICLIM project (<https://www.mn.uio.no/ibv/english/research/sections/aqua/research-projects/144612/>). In this study, we determined the sublethal effects of short-term imidacloprid exposure and post-exposure recovery in the collembolan Fo...

[Replication Data for: Acoustic wave-induced stroboscopic optical mechanotyping of adherent cells](#)

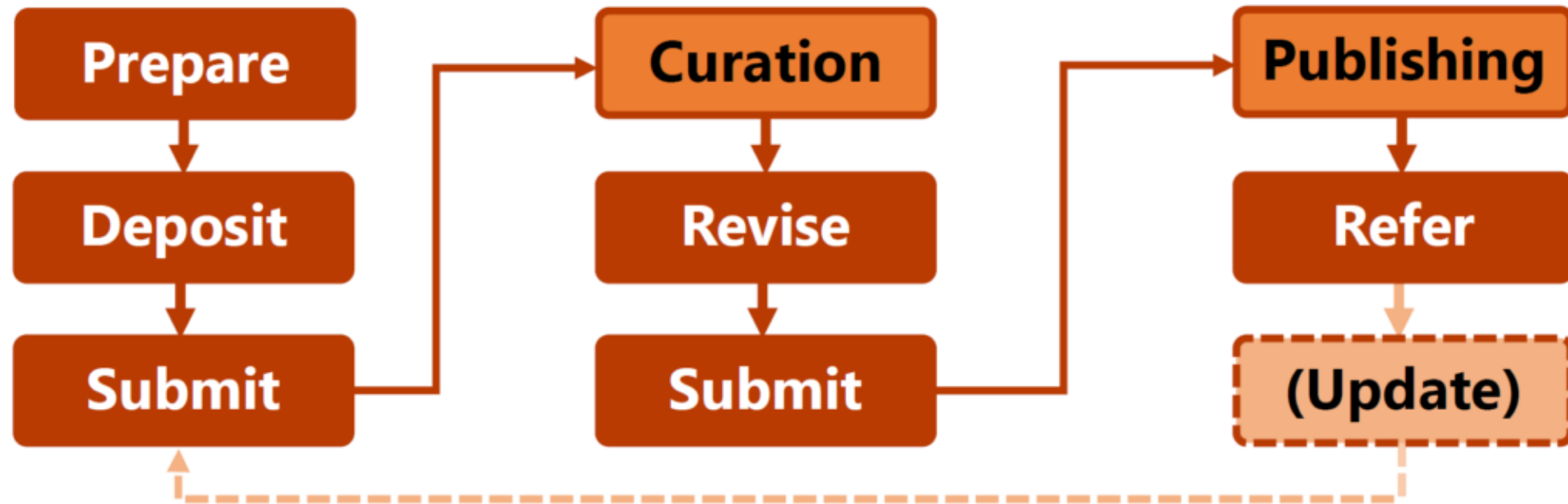
Feb 2, 2024



What is curation in DataverseNO?

- = Checking if your dataset meets requirements of DataverseNO.
- You will be sent a curation report with recommendations for improvements.
- The curator assists in quality checking descriptions, documentation, metadata and formats so that the data can be available in the long-term and thereby also fulfills the FAIR principles.
- Curation does not involve peer review of the dataset's content.

What is curation in DataverseNO?



Data citation

As the Supplementary files and materials:

Data Availability Statement

Data can be found in the **supplementary files**.

Supplementary Materials

The following supporting information can be downloaded at: <https://www.mdpi.com/article/10.3390/bioengineering10070811/s1>, Code S1: Audio signal generation and manipulation Max/MSP patch—the standalone application can be downloaded at <https://doi.org/10.5281/zenodo.7747414> 4 June 2023; Code S2: Actin Analyzer, an image processing and feature extraction algorithm developed in Python, can be downloaded at <https://github.com/donghok/actin-analyzer> 4 June 2023; Figure S1: Cell proliferation analysis using EdU proliferation kit; Figure S2: Algorithm test using Gaussian blur filter of filament lengths and thicknesses; Figure S3: Algorithm test using Gaussian blur filter of filament angle; Figure S4: Algorithm test comparing several algorithm parameters with extracted features overlaid on the original microscopic image; Raw Data S1: Pseudonumber sequences can be found at <https://doi.org/10.5281/zenodo.7923984> 4 June 2023; Raw Data S2: Raw microscopic images can be found at <https://doi.org/10.18710/ALOBQK> 4 June 2023; Table S1: A summary of the feature extraction data sets.

In the data availability statement:

Data availability statement

The tweet IDs for the data used in this study are openly available in DataverseNO at <https://doi.org/10.18710/G1CIXA>.

References

- Anderson, Ben. 2009. "Affective Atmospheres." *Emotion, Space and Society* 2 (2): 77–81. <https://doi.org/10.1016/j.emospa.2009.08.005>.
- Beck, U. 2011. "Cosmopolitanism as Imagined Communities of Global Risk." *American Behavioral Scientist* 55 (10): 1346–1361. <https://doi.org/10.1177/0002764211409739>.
- Beck, Ulrich. 2000. "Risk Society Revisited: Theory, Politics and Research Programmes." In *The Risk Society and Beyond: Critical Issues for Social Theory*, edited by Barbara Adam, Ulrich Beck, and

In the methods section

- and then in the reference list:

Most participants granted permission to share the whole or parts of the data with directly identifiable information such as names removed. They all had the opportunity to review data they contributed ahead of publication and to indicate if there were parts they did not want published. The data, including the XML codebook, Python script, interview guides, transcripts, survey, and consent forms can be accessed through Zenodo.⁴⁶

46. Data from a three-phase Delphi study used to investigate Knowledge Infrastructure for Research Data in Norway, KIRDN_Data, 2020, <http://doi.org/10.5281/zenodo.3673053>.

Citation styles

Vancouver:

#. Author names. Title of resource [medium type]. Host institution name: Physical location; Year of publication. [Date accessed]. Available from: Identifier

Harvard:

Author names. Year. Title of resource. [medium type]. Host institution name, Physical location. Date of access. Identifier

APA:

Author/Rightsholder, A. A. (Year). *Title of publication or data set* (Version number if available) [Data File]. Retrieved from (or available from) <http://xxxx>

Citing unpublished data

Identifiable

- Anonymous: NN, 2018, "Cognitive representation of spontaneous motion in a second language", <https://doi.org/10.18710/N8KO4O>, DataverseNO, DRAFT VERSION.
- Not-published: Ji, Yinglin, 2018, "Cognitive representation of spontaneous motion in a second language", <https://doi.org/10.18710/N8KO4O>, DataverseNO, DRAFT VERSION.
- Published: Ji, Yinglin, 2018, "Cognitive representation of spontaneous motion in a second language", <https://doi.org/10.18710/N8KO4O>, DataverseNO, V1



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Supporting Data for: Towards Sound Innovation Engines Using Pattern-Producing Networks and Audio Graphs

Version 1.1



Jónsson, Björn Þór; Glette, Kyrre; Erdem, Çağrı; Fasciani, Stefano, 2024, "Supporting Data for: Towards Sound Innovation Engines Using Pattern-Producing Networks and Audio Graphs", <https://doi.org/10.18710/BAX9N5>, DataverseNO, V1

[Cite Dataset](#)

[Learn about Data Citation Standards.](#)

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86 Downloads

Description

Data accompanying the article Towards Sound Innovation Engines Using Pattern-Producing Networks and Audio Graphs. The Innovation Engine algorithm is used to evolve sounds, where Quality Diversity search is guided by the YAMNet classifier to discover sounds. (2023-11-07)

This study proposes the application of a system for generative sound synthesis that automates the discovery of inspiring sounds using Quality Diversity algorithms and a discriminative model inspired by the Innovation Engine algorithm. The approach addresses the challenges composers face in creating and refining new tools to achieve their musical goals. By promoting diversity and fostering serendipitous discoveries, the proposed approach expands the composer's palette and makes the entirety of the sonic domain more accessible. The study presents generated sound objects through an online explorer and as rendered sound files, as well as an experimental application showcasing the creative potential of the discovered sounds. Our proposed approach offers a promising direction for sonic design that embraces automation, serendipity, and creativity. (2023-11-08)

Subject

Arts and Humanities; Computer and Information Science

Keyword

Sound Synthesis, Quality Diversity Search, Innovation Engines

Related Publication

Towards Sound Innovation Engines Using Pattern-Producing Networks and Audio Graphs.



Solvang, Øystein; Stein, Jonas; Brattland, Camilla, 2020, "Covid-19 Municipal Level (Norway) Social Science Dataset", <https://doi.org/10.18710/NMKI2B>, DataverseNO, V2

 Cite Dataset ▼

EndNote XML

RIS

BibTeX

Learn about [Data Citation Standards](#).

The dataset is a cross-sectional dataset covering social and public health data pertaining Norwegian municipalities. The dataset was compiled from public register data and media related fatalities is current as of ultimo July 2020. Data on other variables is from 2018, 2

Activity

- 1: Discuss data citation practices and availability statements
- 2: Have you encountered requirements for data sharing from journals?

Summary

- ✓ a repository is the best place to archive data
- ✓ data are often found through publications
- ✓ search services for data are useful
- ✓ cite the data in the publication (in the reference list)

Need help with research data?

Send an email to
research-data@uio.no

More resources?

Research data management

Norwegian

Welcome to UiO's data management pages maintained by the research data group at [Digital Scholarship Center](#).

Data management plans
(DMPs) >

Data classification and
storage >

Data organization >

Data documentation and
metadata >

Data sharing and publishing >

Finding and reusing data >

[← Libraries and centres](#)

Digital Scholarship centre (DSC)

Digital Scholarship centre (DSC) is a resource and support center for researchers. We offer guidance, courses and workshops on how you can make the best possible use of digital tools and methods in your research and communication activities.

We can help you with:

Open research	+
Research data	+
Science visualization	+
Digital tools	+

Open and reproducible research

Learn about how to make your research more open and reproducible and get involved in initiatives and communities that are interested in sharing and improving research at UiO.

More and more researchers and students across disciplines are implementing open research practices, preregistering their hypotheses, methods, and analysis plans and sharing research materials, data and analysis scripts. Digital Scholarship Center can help you learn about and implement these practices in your own research as well as advise on the policies and requirements from funders.

Open Science Lunch



Every last Thursday of the month we meet at noon to discuss topics related to open research.

ReproducibiliTea@UiO



Join us for a Journal Club where we read and discuss papers on open research and meta-science.

Norwegian Reproducibility Network



Join a broader community that aims to promote and enable rigorous, robust and transparent research practices in Norway

Courses and workshops



Click here for the list of upcoming and previous courses and workshops on open and reproducible research at UiO.



Open Science Lunch

Each last Thursday of the month at 12:00 we invite you to join us for a lunch seminar to hear about how to make your research more open. We will discuss research transparency and visibility, open publishing, data sharing, and more!

Time and place: Oct. 31, 2024 12:00 PM – 1:00 PM, [Zoom](#)

How to curate data for long-term use?

Join us for this Open Science Lunch to get an insight into considerations and challenges when curating data for long-term use, and how to ensure open, FAIR and reusable data.

ReproducibiliTea

Journal Club

**JOIN IN AND DISCUSS WITH FELLOW
STUDENTS AND RESEARCHERS**

**OPEN RESEARCH, REPRODUCIBILITY
and RESEARCH IMPROVEMENT**



Join us

Everyone is welcome to join us - whether you are an enthusiast of open and reproducible research, a skeptic, or a cautious explorer. Currently, all meetings are hybrid with the possibility of joining on-site at Blindern or via Zoom. Grab a cup of tea (coffee?) and join us!

Subscribe to our mailing list





Carpentry@UiO

Carpentry@UiO is a community of people who are passionate about learning, teaching, and sharing best practices and digital skills for making the research process more reproducible and effective. If you want to get involved, or join one of our workshops, check us out!



The Unix Shell

Shell speeds up repetitive and tedious processes. It is also essential skills needed to use high-performance computing (HPC) resources.



Version Control with Git

Git helps you to keep track of what you've done, for a better collaboration and for yourself in future. In the workshop we use GitHub as well.



Programming in Python

Python is now widely used in scientific computing with various powerful packages. Carpentry@UiO runs workshops for participants with no programming experience ("Plotting and Programming in Python" lesson) and for participants at intermediate level ("Programming with Python" lesson, episodes 10-12).



R for Reproducible Scientific Analysis

R is commonly used for statistical analysis, but it is also a powerful programming language. Workshops on R focuses on teaching best practices for scientific computing: breaking down analyses into modular units, task automation, and encapsulation. Workshops on R may use lessons from Data Carpentry instead.



Using Databases and SQL

Databases include powerful tools for search and analysis, and can handle large, complex data sets. The lesson will show how to use a database to explore research data by using SQL.

Det senteret for digitalforskerstøttes nyhetsbrev,
en del av Universitetsbiblioteket i Oslo

The Digital Scholarship Centre's Newsletter,
part of the University of Oslo Library

DSC NEWS

Senter for digitalforskerstøtte
Digital Scholarship Centre



<https://sympa.uio.no/ub.uio.no/subscribe/dsc-news/subscribe>

Open Access Week 2024

COMMUNITY OVER
COMMERCIALIZATION

#OAWeek

Open Access Week Norway
OCTOBER 21-25, 2024

Join experts from universities and research institutions across Norway to discuss how to navigate the open publishing landscape in 2024

Full program @
openscience.no



21.10 FAIR, GDPR & qualitative data

22.10 Åpen publisering etter 2024

23.10 Registered Reports

23.10 Open Access in all languages

25.10 Demystifying Research Data Management

25.10 Råtne epler i vitenskapelig publisering

#OAWeek

Give us your feedback!



<https://nettskjema.no/a/455318>

Thank you!

Live Kvale, Heidi Sjursen Konestabo, Ivana Malovic
Digital Scholarship Center, University of Oslo Library
09.10.2024

Questions?

Contact us at research-data@uio.no