

DeiC Dataverse

Building a National Trusted
Repository – The project

Application, governance...

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University of Copenhagen

7. November 2023

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The
Dataverse[®]
Project

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Agenda

1. The project

2. Status on main deliverables

- The DeIC Dataverse application
- Governance
- Training and anchoring

Project purpose

- The purpose of the project is to establish a trusted data repository available to all researchers and Ph.D.- students across the universities in Denmark
- And hereby offer an easy and flexible way for researchers and Ph.D.- students to publish, share and archive their research data so they fit the criteria for open and FAIR data

3 main deliverables

Establishing the platform:

Containing design, development, documentation and technical implementation of the DeIC Dataverse platform and technical infrastructure to fit demands of a national TDR. Establishing the necessary linkage to the national solution for storage.

Establishing the governance model:

Containing organizational structure for operation and support with a central back office and local front offices. Developing processes for operations, maintenance and further development of the platform.

Implementation:

... of the governance model and go-live of the platform.
Training of front officers.
Go-live procedure (Check and Approve)

The project does not deliver end-user implementation!

The Dataverse Application

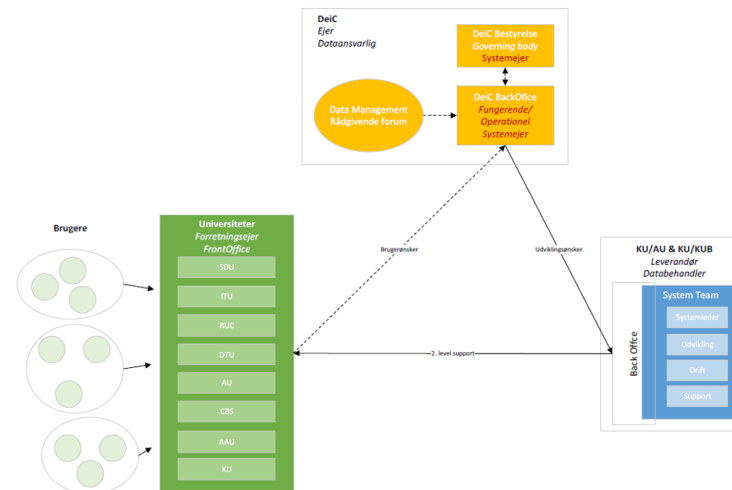
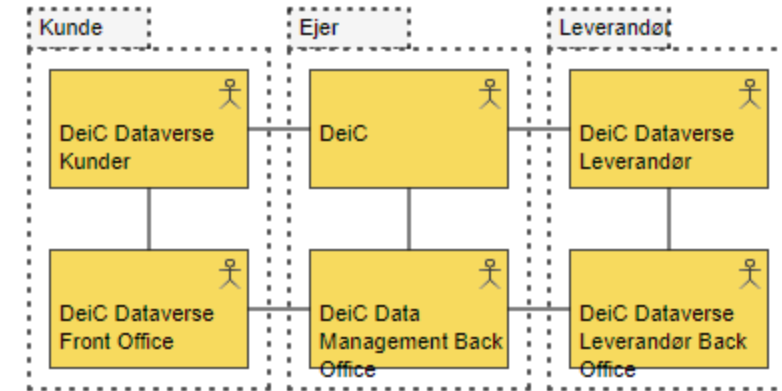
The screenshot shows the DeIC Dataverse Sandbox interface. At the top, there is a navigation bar with the DeIC logo, a search bar, and links for User Guide, Support, Sign Up, and Log In. Below this is a green banner for the 'DeIC Dataverse Sandbox' with the note '(Danish e-Infrastructure Consortium)'. A metrics bar shows '102 Downloads' and links for 'Contact' and 'Share'. A warning message states: 'This Sandbox installation of DeIC Dataverse is intended solely for testing and training. Please be aware that any assigned DOIs won't be active and won't resolve. Furthermore, any content you upload may be removed or modified without prior notice. To create a new dataset, choose a Dataverse collection from the list below to associate it with. Use the left and right arrows to view additional Dataverse collections.' Below the warning are four buttons for different institutions: DTU Dataverse, RUC Dataverse, SDU Dataverse, and AAU Dataverse. A search bar is present with the text 'Search this dataverse...' and an 'Advanced Search' link. On the left, there is a sidebar with filters for 'Dataverses (15)', 'Datasets (34)', and 'Files (123)'. The main content area shows search results for '1 to 10 of 49 Results'. The first result is 'Research Data Management Challenges in Citizen Science Projects and Recommendations for Library Support Services. A Scoping Review and Case Study' by Holmstrand, Katrine, Jitka Stilund Hansen, Jitka S. Hansen, Signe Gadegaard, Karsten Kryger Hansen, Asger Væring Larsen, Seren Møller, and Getrud Stougaard Thomsen, dated Oct 23, 2023. Other results include 'Test datasæt fiere forfattere (intern)', 'Visitors to Roskilde University Library', 'Lorem Ipsum test', and 'Dataset, test 1, RUC'.

- Sandbox for training purposes
- Test stage established to ensure a stable solution for the production environment

DeiC Dataverse Governance model

Roles and responsibilities...
Client, owner and supplier perspective

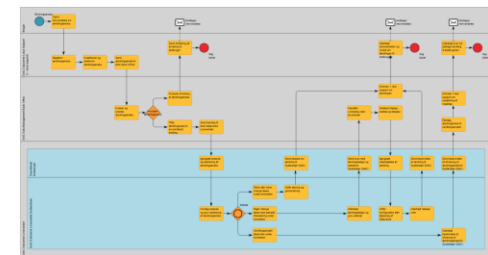
- **Client:** the universities as users of a national service
- **Owner:** describes the relations between customer, owner and supplier
- **Supplier:** describes an university as supplier of a national solution



DeiC Dataverse Governance model

Change process

- Request for changes from local support at the universities
- DeiC DM Backoffice -> DeiC Board of Directors
- Supplier, (inter)national community or external experts



DeiC Dataverse

One Trusted Data Repository for
Eight Universities:

Lessons learned so far

Falco Hüser

The Royal Danish Library

7. November 2023

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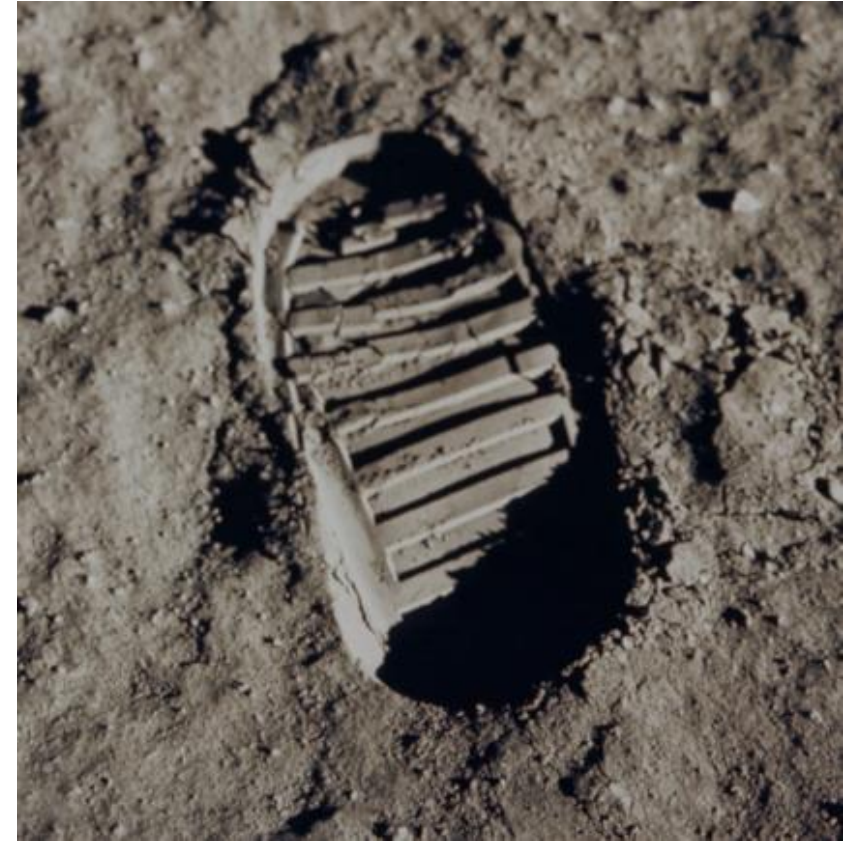
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DeiC Dataverse

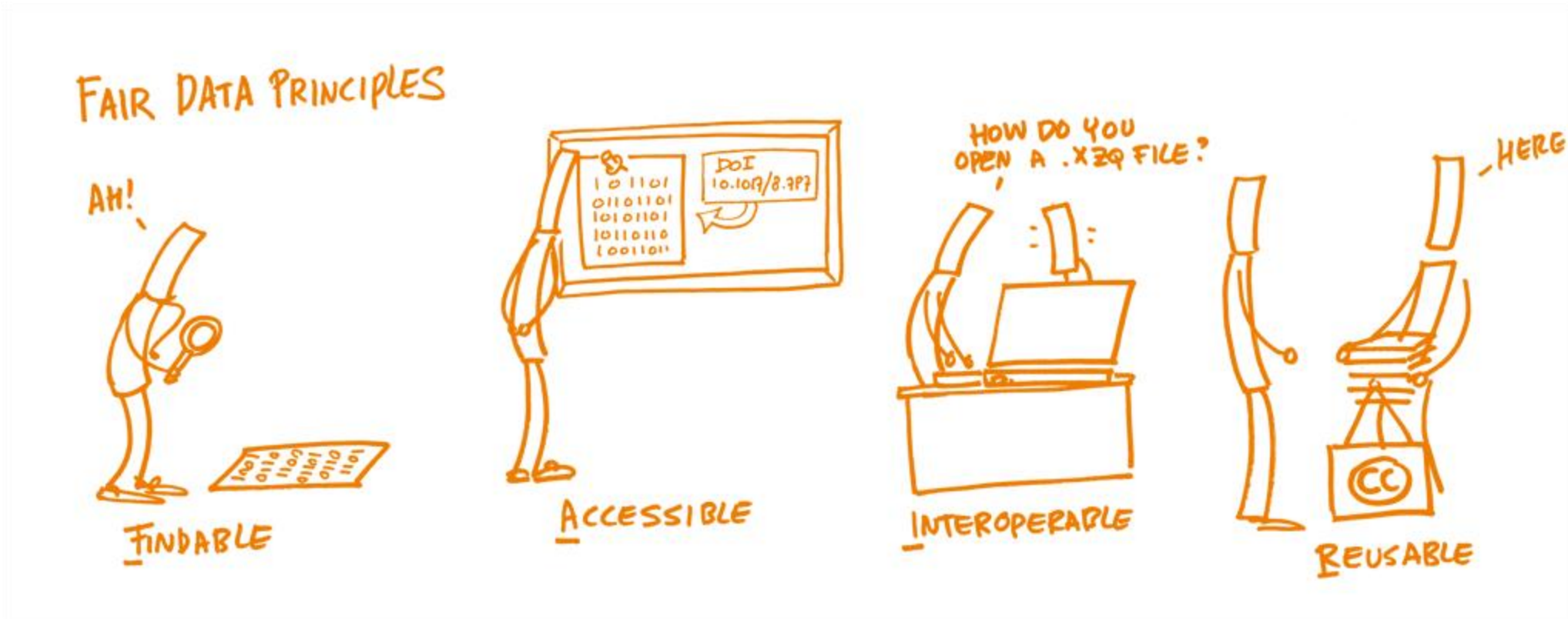
One Trusted Data Repository for Eight Universities:
Lessons learned so far

1. **Dataverse in a nutshell**
2. **Training for Front Offices and Local Support Units**
3. **Roles and Permissions**
4. **All about Metadata**
5. **Towards a National Dataverse Network**



DeiC Dataverse

Dataverse in a nutshell



Metadata

DOI's

Files

Licenses

Citation Metadata

Dataset Persistent ID doi:10.21997/KUB/1F5JXP

Publication Date 2020-10-07

Title Meteorological site level data from the CLIMATE project at Brandbjerg Denmark from 1 October 2005 to 31 December 2013

Other ID UCPH Electronic Research Data Archive (ERDA) <https://doi.org/10.17894/ucph.e58a99c2-da7b-444a-b1c0-11f00e70041c>

Author Klaus Steenberg Larsen (University of Copenhagen) - ORCID: 0000-0002-1421-6182
Leon van der Linden
Omar Daraghmeh
Teis Nørgaard Mikkelsen
Claus Beier

Contact Use email button above to contact the author(s)

Description Klaus Steenberg Larsen (University of Copenhagen) - ORCID: 0000-0002-1421-6182
This dataset provides site-level meteorological data from the CLIMATE project at Brandbjerg, Denmark, from 1 October 2005 to 31 December 2013. The data is available in a Comma Separated Values (CSV) format.

Terms of Use



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EXPORT METADATA

SORT

DOWNLOAD



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Dataverse

DeiC

SDU
Dataverse

AU
Dataverse

DTU
Dataverse

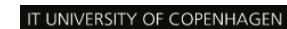
CBS
Dataverse

UCPH
Dataverse

RUC
Dataverse

AAU
Dataverse

ITU
Dataverse



Models for local support at the universities

	Required	Recommended	Extended
Administration	Named superuser for university's Dataverse collection	Superusers for faculty / department Dataverse collections	Superusers for local Dataverse collections for individual research groups / projects
Curation	Compliance with common terms of use for DeIC Dataverse	Metadata validation and enrichment	Discipline-specific curation and quality assurance of data and metadata
User support	'Single point of contact' for university's users	Incorporated into university's general support for research data management	Customized support for individual departments / research groups / projects
Training	Guidelines in accordance with university's policies and procedures	Aligned with existing training for research data management	Discipline-specific guidelines and training
Network	Member of national network for DeIC Dataverse	Part of university's networks for research data management	Cooperation with discipline-specific networks
Collaboration	Collaboration with DeIC regarding the future development of the service	Collaboration on specific use cases	Design of custom solutions for discipline-specific use cases
Ressources (estimate)	0.20 FTE / 1000 users	0.50 FTE / 1000 users	additional 0.20 FTE / unit

DeiC Dataverse

Training for Front Offices and Local Support Units

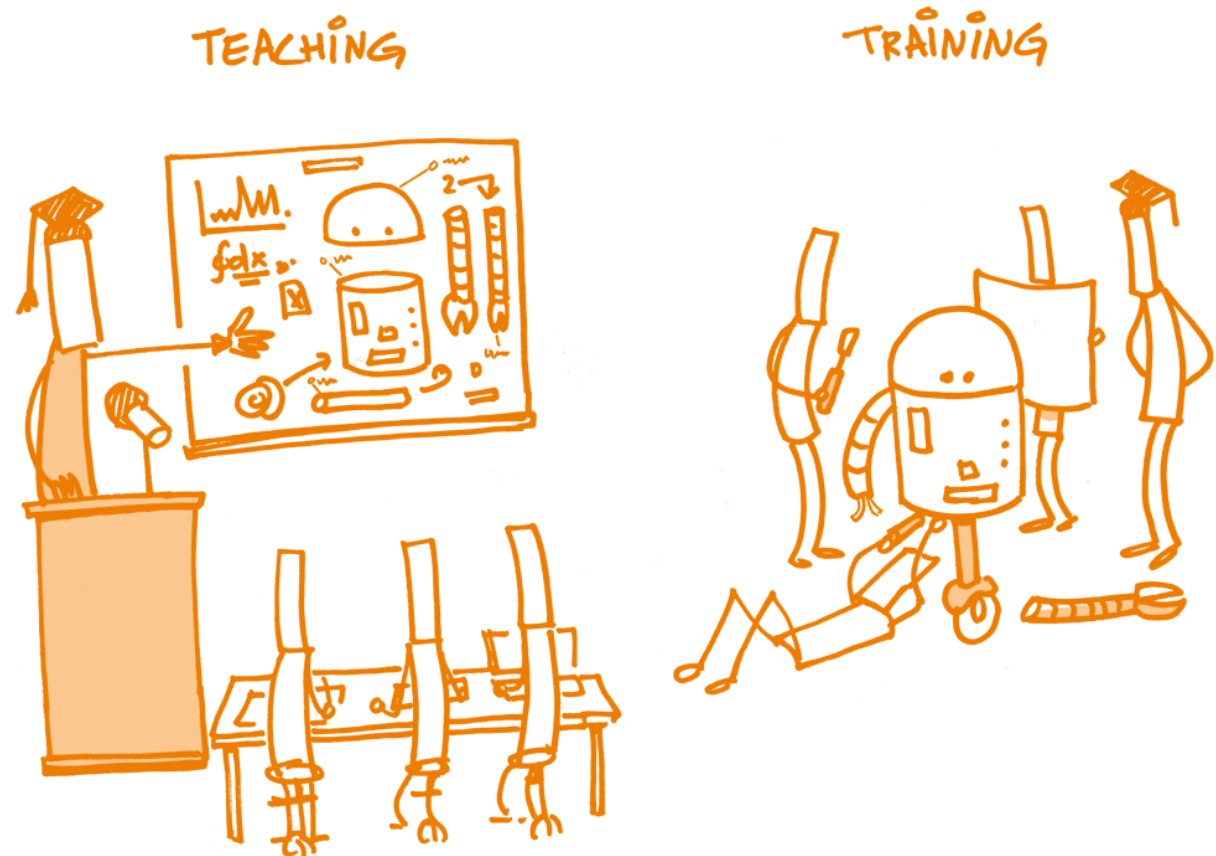
DeiC Dataverse Sandbox: u-dataverse.ku.dk

Monthly online training sessions:

- First steps for regular users
- Awareness points for Curators
- Tasks for administrators

Network in Teams:

- Provide feedback
- Discuss use cases
- Develop best practices



DeiC Dataverse Sandbox

For testing and training purposes only.

(Danish e-Infrastructure Consortium)

Metrics

102 Downloads

This Sandbox installation of DeiC Dataverse is intended solely for testing and training. Please be aware that any assigned DOIs won't be active and content you upload may be removed or modified without prior notice.

To create a new dataset, choose a Dataverse collection from the list below to associate it with. Use the left and right arrows to view collections.



Search this dataverse...



Advanced Search

Dataverses (15)

Datasets (34)

Files (123)

Dataverse Category

Organization or Institution (12)

Department (1)

Research Group (1)

Researcher (1)

Publication Year

2023 (49)

Author Name

Hüser, Falco (12)

Hansen, Jitka Stilund (3)

Larsen, Asger (3)

1 to 10 of 49 Results

Research Data Management Challenges in Citizen Science Projects and Recommendations for Library Scoping Review and Case Study

Oct 23, 2023 - DTU Dataverse



Holmstrand, Katrine; Jitka Stilund Hansen; Jitka S. Hansen; Signe Gadegaard; Karsten Kryger H. Søren Møller; Gertrud Stougård Thomsen, 2023, "Research Data Management Challenges in Citizen Science Projects and Recommendations for Library Support Services. A Scoping Review and Case Study", <https://doi.org/10.5072/dataverse.sandbox.v2.102>, UNF:6:2wLoWFsvApCIPyVqVGh/Tg== [fileUNF]

Citizen science (CS) projects are part of a new era of data aggregation and harmonisation that facilitates inter-disciplinary research. Increasing the value and reuse of CS data has received growing attention with the appearance of the

Test datasæt flere forfattere (intern)

Oct 23, 2023 - RUC Dataverse



Zurcher, Sacha; Nailor, Pernille, 2023, "Test datasæt flere forfattere (intern)", <https://doi.org/10.5072/dataverse.sandbox.v1.102>, UNF:6:Sfx84N4GC9jXQXAwat+/HA== [fileUNF]

Contents

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Create a user account	4
Find your Dataverse collection	4
Prepare a dataset draft	4
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o Restrict file access	7
o Manage dataset permissions	8
o Generate private URL	8
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Update a published dataset	8
Welcome to DeiC Dataverse Sandbox - Part 3: What does an admin do?	10
Manage Dataverse collections	10
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o Change display of metadata fields and filters	11
o Customize branding	11
o Define roles and permissions	12
o Create user groups	12
o Create a metadata template	13
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training



Advanced Search

Dataverses (1)

Datasets (8)

Files (0)

Dataverse Category

[Department \(1\)](#)

Publication Year

[2023 \(1\)](#)

1 to 1 of 1 Result

Sort

DeiC **Training** Dataverse (Det Kongelige Bibliotek)

Sep 25, 2023 KUB Dataverse



This Dataverse collection showcases examples of how datasets can be described. The examples cover datasets with open data files and with ample contextual, citation and disciplinary metadata, datasets with closed access and datasets with restrictions and other examples. The datase...



Dataverses (0)

Datasets (6)

Files (0)

Publication Year

[2023 \(6\)](#)

Author Name

[Hüser, Falco \(6\)](#)

Subject

[Other \(6\)](#)

Keyword Term

[Instructional and educational works \(1\)](#)

[Pictures \(1\)](#)

Deposit Date

[2023 \(6\)](#)

Series Name

[Training datasets \(6\) ✕](#)

Series Name: Training datasets ✕

1 to 6 of 6 Results

Sort

A dataset with multiple versions

Sep 25, 2023 - DeiC Training Dataverse



Hüser, Falco, 2023, "A dataset with multiple versions", <https://doi.org/10.5072/FK2/IVPSXZ>, DeiC Dataverse Sandbox, V5

A dataset with an updated description. Images from the "Metadata 20/20" campaign.

A dataset with folders

Sep 25, 2023 - DeiC Training Dataverse



Hüser, Falco, 2023, "A dataset with folders", <https://doi.org/10.5072/FK2/N9QSUL>, DeiC Dataverse Sandbox, V1

This dataset contains various files in the following folders: - sample audio - sample documents - sample images - sample misc - sample videos

A dataset with restricted files

Sep 25, 2023 - DeiC Training Dataverse



Hüser, Falco, 2023, "A dataset with restricted files", <https://doi.org/10.5072/FK2/R1VZRU>, DeiC Dataverse Sandbox, V1

This dataset has restricted files.

A dataset with closed files

Sep 25, 2023 - DeiC Training Dataverse



Hüser, Falco, 2023, "A dataset with closed files", <https://doi.org/10.5072/FK2/IBP5TD>, DeiC Dataverse Sandbox, V1

This dataset has closed files.

DeiC Dataverse

Roles and Permissions

Will you require approval for the publication of datasets?

Will you allow users to manage access rights?

Will you let users define the reuse conditions for their datasets?

Will you place the responsibilities for long-term maintenance of the datasets on your users' shoulders?

Do you really trust your users?



DeiC Dataverse

Roles and Permissions

Disclosure of sensitive or confidential information

Copyright infringements

Deposition of data not related to research activities

Questionable research

Orphaned datasets

Sloppy metadata

Unfinished drafts

unFAIR use of DeiC Dataverse

How do we build a trusted repository?



DeiC Dataverse

All about metadata

Contributor names, roles, affiliations and ORCID

Dataset 'Point of Contact'

Conditions for access to restricted files

Links to related publications, datasets, software, protocols, etc.

Datasets with 'metadata only'

Use of ReadMe files and file-level metadata

Licenses

Free-text descriptions vs. controlled vocabularies

Exposure (institutional / national / international)



<http://search.datacite.org/>



<http://explore.openaire.eu/>

Google Dataset Search

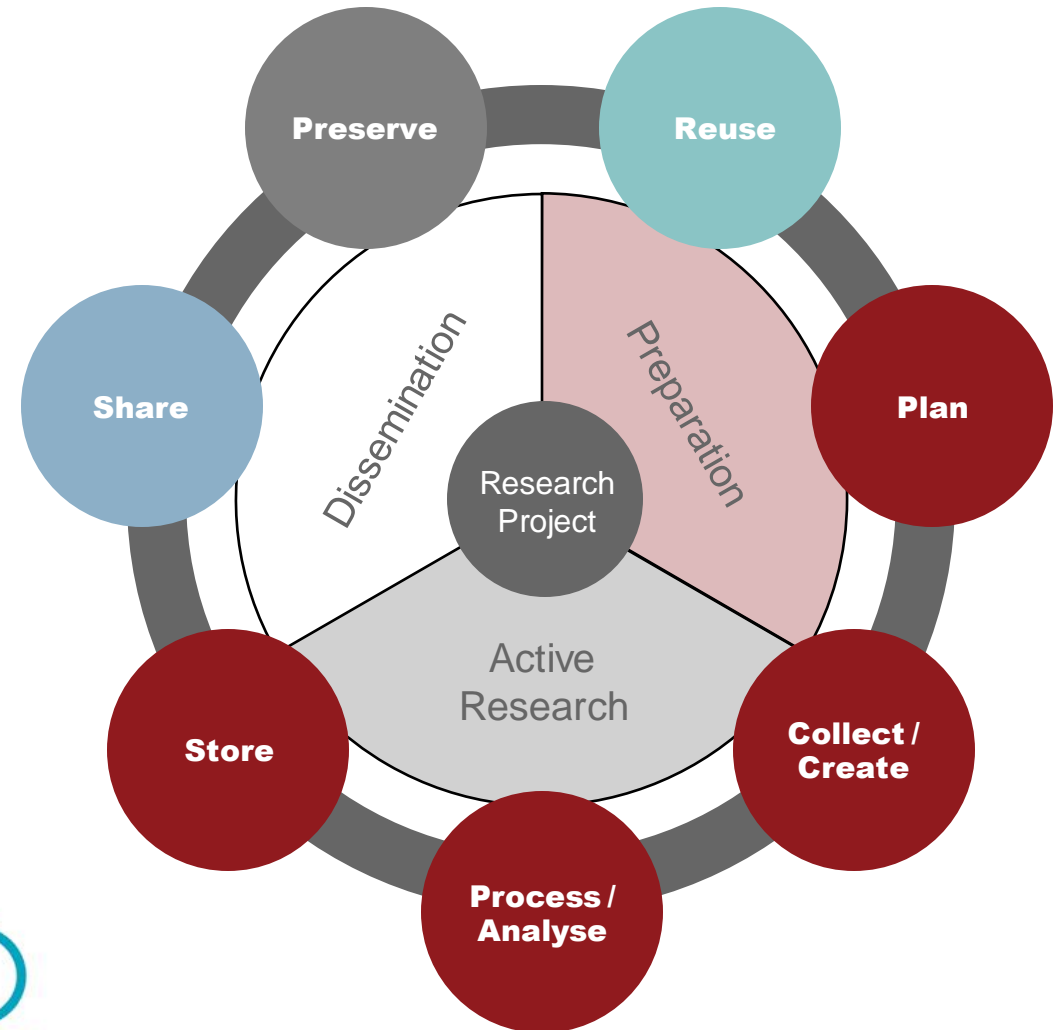
<http://datasetsearch.research.google.com/>

DeiC Dataverse

Towards a National Dataverse Network

Share experiences and knowledge in order to:

- Develop common deposition guidelines
- Establish curation workflows
- Manage special collections
- Make use of API's
- Integrate with other tools and services
- Close the research data lifecycle



<https://dataverse.harvard.edu/>



<https://dataverse.no/>



<https://borealisdata.ca/>



recherche.data.gouv.fr

<https://recherche.data.gouv.fr/>



<https://dataverse.nl/>

