



OPEN
SCIENCE
NTNU

Data management at NTNU

Introduction to data management resources

Ane Møller Gabrielsen
Ingrid Heggland
NTNU University Library



NORWEGIAN UNIVERSITY OF
SCIENCE AND TECHNOLOGY

- ✓ Open and free sharing of knowledge
- ✓ Reproducible, responsible and accessible research
- ✓ «As open as possible, as closed

**OPEN
SCIENCE**
NTNU



Open Access



Open Data



Open Source



Citizen Science



Open Educational Resources

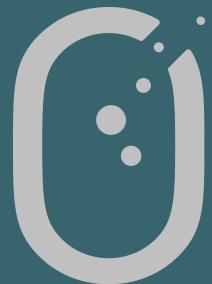


NORWEGIAN UNIVERSITY OF
SCIENCE AND TECHNOLOGY

- Collaboration
- Dissemination
- Transparency
- Reproducibility

Open Science at NTNU

- New policy for Open Science
 - Previously: Policy for Open Access (2014) and policy for Open Research Data (2018)
- NTNU University Library point of contact and coordination for Open Science at NTNU
 - Support services, tools, and guidance
 - Collaboration with IT and departments and faculties



OPEN
SCIENCE
NTNU

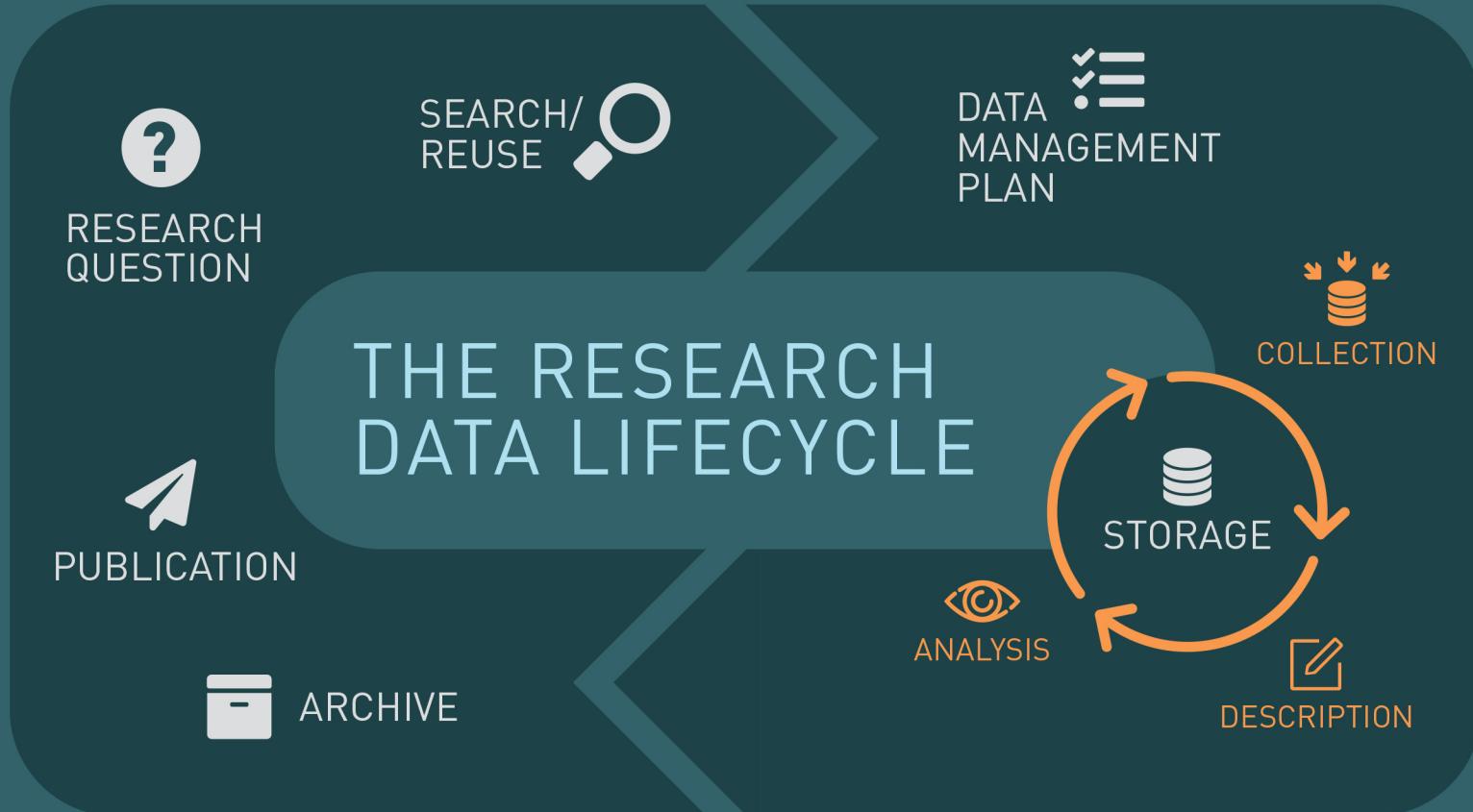
Research data at NTNU:

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

- **Data should be:**



- NTNU guarantees for access to infrastructure and support services
- The researcher is responsible for the quality
- All projects should have a DMP



Open Science and good research data management go hand in hand!

Support and guidance: Research Data @NTNU

- Central support service for research data
 - Coordinated by the library in close collaboration with IT
 - Support for data management throughout the data lifecycle

innsida.ntnu.no/researchdata
research-data@ntnu.no





Research Data

FOR EMPLOYEES

What is Research Data @NTNU?

- a central support service for research data
- a service for researchers and students at NTNU
- a contact point for faculties and institutes at NTNU IT
- a collaboration between the University Library and NTNU IT

RESEARCH DATA @NTNU



NTNU requires good research data management

Research data at NTNU should be managed according to best practice, and be as open as possible, as stated in the [Policy and Plan of action for research data](#).



Data Management Plan (DMP)

All research projects at NTNU should develop a Data Management Plan describing how the research data will be managed.



NTNU Open Research Data

Research data at NTNU can be published and shared openly in our repository for research data, [NTNU Open Research Data](#).

Data Management

Search for data

Data Management Plan (DMP) and planning

Storage and active management of research data

Archiving and publishing of research data

Training, guidance and support

Useful resources

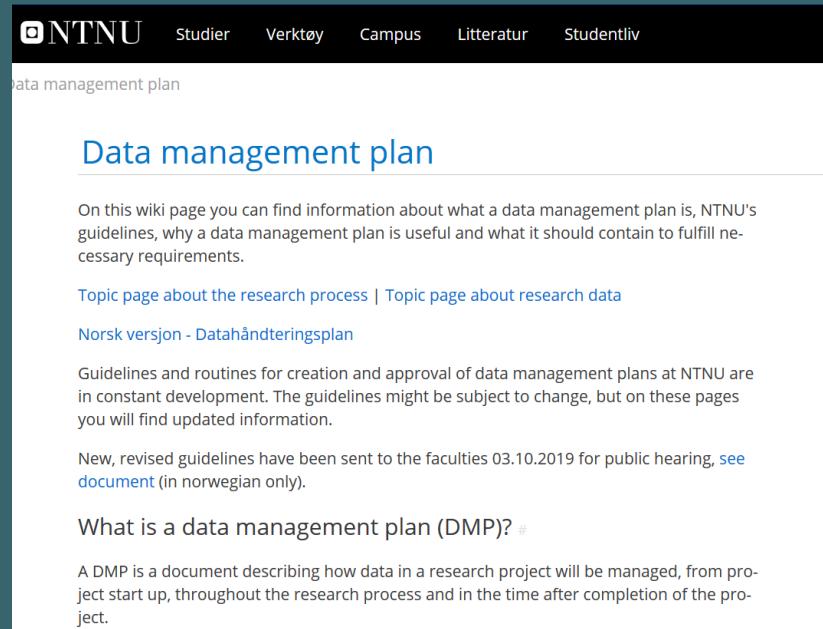
- ELIXIR Norway - support and tools for life science research
- Course in data management on FOSTER e-learning platform (EU project)
- MOOC on Open Science from TU Delft
- PhD on Track
- Mantra Research Data Management Training
- MOOC on Research Data Management and Sharing from Coursera
- Cessda Data Management Expert Guide

Contact

If you can not find the information you are looking for, please send an email to research-data@ntnu.no

Support and guidance at Innsida

- Wikis:
 - Data management plan (info and guidelines)
 - DMP guidance



The screenshot shows a wiki page titled "Data management plan". The page header includes the NTNU logo and links for Studier, Verktøy, Campus, Litteratur, and Studentliv. The main content area has a light gray background and contains the following text:

data management plan

Data management plan

On this wiki page you can find information about what a data management plan is, NTNU's guidelines, why a data management plan is useful and what it should contain to fulfill necessary requirements.

[Topic page about the research process](#) | [Topic page about research data](#)

[Norsk versjon - Datahåndteringsplan](#)

Guidelines and routines for creation and approval of data management plans at NTNU are in constant development. The guidelines might be subject to change, but on these pages you will find updated information.

New, revised guidelines have been sent to the faculties 03.10.2019 for public hearing, see [document](#) (in norwegian only).

[What is a data management plan \(DMP\)?](#) #

A DMP is a document describing how data in a research project will be managed, from project start up, throughout the research process and in the time after completion of the project.

NTNU DMP Guidance

Note from NTNU:

Briefly describe the categories of datasets your plan to generate or use, and their role in the project. You should include the type, format and the volume you intend to use. Examples: interviews, measurements, surveys, sensor logs etc.

- Type and format: Clearly note what format(s) your data will be in. Explain why you have chosen certain formats. You should justify your choice if the formats you intend to use are proprietary. NTNU format preferences are based on enabling long-term availability and access.
- Volume: Consider the implications of data volumes in terms of storage, access and preservation.

Keep in mind whether the scale of the data will pose challenges when sharing or transferring data between sites; do you need to include additional costs? How will you address these challenges? If you have large volumes of data, please contact the IT department at NTNU.

The quantity of data should be in the amount of space required. Please note what volume of data you will create in MB/GB/TB. Indicate the proportions of raw data, processed data, and other secondary outputs (e.g., reports).

NTNU Storage and Computing Resources

Storage: Information Security

- All information (including research data) should be classified, to help choose the correct storage
 - Open, Internal, Confidential, Strictly confidential

Informasjonssikkerhet og klassifisering

All informasjon du behandler og deler har ulike behov for sikring og skjerming, ut fra hvor verdifull den er. For å identifisere verdimrå og hvilke sikkerhetstiltak som er nødvendige, må informasjonen klassifiseres.

Prosess med å klassifisere informasjonen som behandles i en enhet, er et lederansvar, og alle medarbeidere har medvirkningsplikt. Uninett har laget en veileder med anbefaling for UH sektoren. [Les mer om veilederen](#)

Åpen

Intern

Fortrolig

Strengt fortrolig

<https://innsida.ntnu.no/wiki/-/wiki/Norsk/Informasjonsklassifisering+-+informasjonssikkerhet>

Confidentiality: How important is it that the information **does not fall into the wrong hands?**

Open

Internal

Confidential

Strictly confidential

Integrity: How important is it that the information is **not modified** by unauthorised persons or by accident?

Accessability: How critical is it to **lose access to the information** for a period of time, or to lose it completely? (Example: If you store your data on M:, no one can access it if you quit.)

Data storage guide

This guide will help you select the correct solution for storage and processing of information, including research data. The storage guide gives an overview of the storage solutions assessed by NTNU, provides information about designated usage, and tells you how to access the different solutions. In addition, the [data collection guide](#) and the storage guide provides information that can be used when creating [data management plans](#).

Norsk versjon - [Lagringsguide](#)

[Topic page about information security](#) | [Pages labeled with information security](#)

Information security and classification #

NTNU guidelines state that information must be classified in order to determine the value and identify the need for security and protection.

Public

Internal

Confidential

Highly Confidential

What physical storage media can I use?

Physical storage media refers to local storage and processing of information, for instance your computer (Mac, PC or hard drive).

Information classification:	Public	Internal	Confidential	Highly confidential
Privately owned laptop	OK	NO	NO	NO
Privately owned desktop	OK	NO	NO	NO
NTNU-acquired desktop (self-administered)	OK	OK	NO	NO
NTNU-acquired laptop (self-administered)	OK	OK	NO	NO
NTNU-administered desktop – encrypted	OK	OK	OK	NO
NTNU-administered laptop – encrypted	OK	OK	OK	NO
USB drive/external hard drive	OK	OK	NO	NO
USB drive/external hard drive - encrypted	OK	OK	OK(1)	OK(2)

(1) The data must be stored in encrypted form on the storage media and the password kept in a separate location. [Read more about how to encrypt files.](#)

(2) The entire drive/disc must be encrypted with a strong password ([read more on how to make passwords](#)). The password must be kept in a separate location.

<https://innsida.ntnu.no/wiki/-/wiki/English/Data+storage+guide>

Storage services and collaboration platforms

Storage services and collaboration platforms refer to cloud services or servers at NTNU. Click on the different solutions for more information.

Information classification:	Public	Internal	Confidential	Highly confidential
Personal cloud storage (dropbox, google drive ++)	OK	NO	NO	NO
NTNU Home directory («M:-drive»)	OK	OK	OK	OK (1)
NTNU Shared directory (T:-drive, group, project, etc.)	OK	OK	NO	NO
NTNU-administered Dropbox (contact Orakel)	OK	OK	NO	NO
NTNU-Box	OK	OK	NO	NO
Office 365 (SharePoint, Teams, Onedrive)	OK	OK	OK(1)	NO
NTNU NICE-1 - Storage solution with added security	OK	OK	OK	OK (1)
HUNT Cloud	OK	OK	OK	OK (2)
UiO TSD	OK	OK	OK	OK
NIRD (tidligere Norstore, driftes av Uninett Sigma2)	OK	OK	NO	NO

(1) Data must be encrypted. [Read more on how to encrypt O365 files using AIP here or how to encrypt other files with 7-Zip](#)

(2) Risk level is assesed on individual basis, see the [HUNT information page for more information](#).



RSE

Research
Software
Engineering

LAB

Laboratory
Instrumentation
and Support

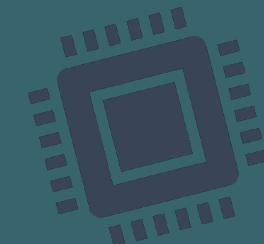
NTNU IT – Research Support

Mime

IT support for
PhD students

HPC

High
Performance
Computing



Mime

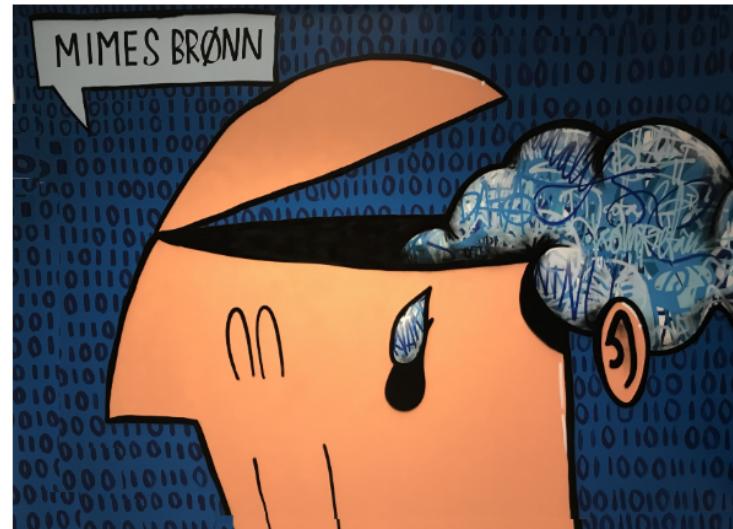
IT support for
PhD students

IT-support for PhD students - Mimes Brønn

«Mimes Brønn» (or in English *Mimir's well*) is a meeting place for NTNU **PhD students and IT professionals**.

The objective of Mimes Brønn is to **help PhD students** get started with their research as quickly as possible. By facilitating a **common physical location** for periods of one to four weeks, the IT department can help scientists **get started with their work faster**, reducing the time spent navigating the technological jungle.

In Norwegian: Mimes Brønn - IT-støtte for ph.d.-er



Get started

[Write to orakel@ntnu.no](mailto:orakel@ntnu.no) if you are interested in more information.

Key contacts: Anders Christensen and Stein Stendahl

← → C hpc.ntnu.no/display/hpc/NTNU+HPC+GROUP

Apper Bibliometri, statistik... Styrer, organisasjon... Policy, grunnlag, sta... Publisering, DMP Forskning, journaler Konferanser, kurs Remove Line Breaks... Recommended vers...

Confluence Områder Personer

HPC Wiki

Sider Blogg

UNDERORDNEDNE SIDER

Sider

NTNU HPC GROUP

- Vilje
- Idun Cluster
- Maur
- Matlab for HPC
- Python Numpy Scipy and Odespy
- Training
- Kongull (Shut down 2016)
- HPC - Tre tiår med tungregning i ...
- ansys fluent for hpc
- Mimes Brønn
- Parallel R for HPC system
- Parallel Python

Dashboard

NTNU HPC GROUP

Seksjon for Vitenskapelig Databehandling

NEWS

Blogginnlegg

- Introduction courses to Parallel Programming and Jupyter Notebooks in January/February 2020 opprettet av John Floan
- Vilje /work unavailable due to disk error opprettet av John Floan
- Digital Lab Seminar will be held at NTNU opprettet av Tufan Arslan
- Idun is down for maintenance opprettet av Einar Næss Jensen
- Betzy is the name opprettet av Einar Næss Jensen

Support

System	Email
Fram/Saga/Vilje/NIRD	support@metacenter.no
Idun/Epic	help@hpc.ntnu.no
Maur	support-kongull@hpc.ntnu.no

twitter: <http://twitter.com/ntnuhpc>
facebook: <http://www.facebook.com/ntnuhpc>
Innsida-kanal: HPC at NTNU
Physical meetup:
1: Sluppen: Sluppenveien 14, 4th floor, IT-drift.
2: Gløshaugen: Mimes Brønn 2-105A (2-etasje)
Materialtekniske laboratorier, Trondheim. (Entrance from the west. Realfagsbygget in your back)



NTNU Open Research Data

DataverseNO



NTNU

DataverseNO > NTNU Open Research Data

Search this dataverse...

 Find[Advanced Search](#)

NTNU Open Research Data

1 to 10 of 13 Results

 Sort

Replication Data and appendix for: Hysteresis of natural magnetite ensembles: Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion beam nanotomography

Oct 15, 2020

 Nikolaisen, Even, 2020, "Replication Data and appendix for: Hysteresis of natural magnetite ensembles: Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion beam nanotomography", <https://doi.org/10.18710/Q0F8PA>, DataverseNO, V2, UNF:6.RWMnrxWwpq9MUrqpamGEsg== [fileUNF]

Collection of all particles from two micrometer sized cubes of plagioclase and pyroxene extracted with FIB-SEM nanotomography from the Harcus intrusion, SW Australia. The particles is represented by pre processed and smoothed stereo-lithography files (STL) and all particle param...

Icing Validation Database

Sep 18, 2020

 Hann, Richard; Müller, Nicolas, 2020, "Icing Validation Database", <https://doi.org/10.18710/5XYALW>, DataverseNO, V1, UNF:6.vncwD5HJ8OlmcUmCc90lQ== [fileUNF]

This database contains an overview of experimental datasets that can be used for the validation of ice prediction simulation methods. This database was generated for the 1st AIAA Ice Prediction Workshop, scheduled for 2021. The database contains entries on 71 experimental dataset...

UAV Database

Sep 18, 2020

 Hann, Richard; Wallisch, Joachim, 2020, "UAV Database", <https://doi.org/10.18710/L41IGQ>, DataverseNO, V1, UNF:6.r7YXQcmxDqYG14LVVGZA+w== [fileUNF]

This database gives an overview of the specifications of 93 unmanned aerial vehicles (UAVs). This database can be used to characterize different types of UAVs and their properties. The database contains the following information for each UAV: - Maximum takeoff weight (MTOW) - Pay...

Replication Data for: Uncertainty propagation through a point model for steady-state two-phase pipe flow

Aug 14, 2020

 Strand, Andreas, 2020, "Replication Data for: Uncertainty propagation through a point model for steady-state two-phase pipe flow", <https://doi.org/10.18710/OWKABR>, DataverseNO, V2

Code and data for performing uncertainty quantification and sensitivity analysis of a multiphase flow model. The software computes the uncertainty in model predictions in the presence of uncertain input variables. The analysis also determines which variables the predictions are s...

Replication Data and appendix for: Hysteresis of natural magnetite ensembles: Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion beam nanotomography

Version 2.1

Nikolaen, Even, 2020, "Replication Data and appendix for: Hysteresis of natural magnetite ensembles: Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion beam nanotomography", <https://doi.org/10.18710/Q0F8PA>, DataverseNO, V2, UNF:6.RVMNrkWvpggMUrppqamGEsg== [file:UNF]

[Cite Dataset](#)[Learn about Data Citation Standards.](#)

Description

Collection of all particles from two micrometer sized cubes of plagioclase and pyroxene extracted with FIB-SEM nanotomography from the Harcus intrusion, SW Australia. The particles are represented by pre processed and smoothed stereo-lithography files (STL) and all particle parameters are described in excel spreadsheets. The raw particles are supplemented as complete clusters (PLAG-all and OPX-all) and can be subdivided at own discretion. The results in "Complete object list.tab" is generated and can be replicated by solidification (Iso2mesh) - conversion to patran (grblesh) and modeled using the three dimensional micromagnetic code MERRILL at room temperature in 20 different field directions. The high-resolution 3D imaging and extensive micromagnetic modelling enables the true meaning of domain-state diagnostic plots. Arguing that the traditional interpretation of such plots should be cautiously revised for two reasons: firstly, single-vortex and multi-vortex states do not plot on expected trends with increasing grain size and, secondly, the multi-component mixture of domain states represented within each silicate volume spans the entire range of natural variability seen in bulk samples. This questions the validity of an interpretation of the bulk averages in terms of grain size alone. (2020-08-19)

Subject

Earth and Environmental Sciences

Keyword

Rock magnetism, Magnetic modelling, Micro magnetics, FIB Nanotomography, Slice and View, Magnetic mineralogy

Related Publication

Submitted for review

[Files](#) [Metadata](#) [Terms](#) [Versions](#)[Change View](#)[Table](#) [Tree](#)

Search this dataset...

[Files](#) [Metadata](#) [Terms](#) [Versions](#)[Change View](#)[Table](#) [Tree](#)

- ▼ Appendix
 - A-1.pdf (261.4 KB)
 - A-2.jpg (4.7 MB)
 - A-3.pdf (2.1 MB)
 - A-4.pdf (805.2 KB)
 - A-5.pdf (602.8 KB)
 - A-6.pdf (9.9 MB)
- ▶ OPX ASCII meshes
- ▶ OPX binary meshes
- ▶ Plag ASCII meshes
- ▶ Plag binary meshes
 - 00_Readme.txt (3.2 KB)
 - Complete object list.tab (199.1 KB)
 - Large particles.tab (7.6 KB)
 - OPX All.stl (81.2 MB)
 - Plag all.stl (151.7 MB)

Filter by
File Type: All • Access: All

1 to 10 of 897 Files

- 00_Readme.txt
 - Plain Text - 3.2 KB - Sep 18, 2020 - 8 Downloads
 - MDS: 4b8c3bb562d2404f7ec844ab85a0902e
- A-1.pdf
 - Appendix!
 - Adobe PDF - 261.4 KB - Oct 15, 2020 - 3 Downloads
 - MDS: b52325afad00f78c05242585e6ca91
 - Magnetic model of a 3.35 micrometer long magnetite needle in plagioclase.
- A-2.jpg
 - Appendix!
 - Image - 4.7 MB - Oct 15, 2020 - 1 Download
 - MDS: b52325afad00f78c05242585e6ca91
 - Image of slice 227 in plagioclase showing mainly magnetite associated with an unknown mineral that often occurs at an edge or coated around the magnetite.
- A-3.pdf
 - Appendix!
 - Adobe PDF - 2.1 MB - Oct 15, 2020 - 0 Downloads
 - MDS: 2aa9d4eb0273b313e4251d8c2710d
 - Plotting of the zero-field minimization of large particles labeled as "B".
- A-4.pdf
 - Appendix!
 - Adobe PDF - 805.2 KB - Oct 15, 2020 - 0 Downloads
 - MDS: a339042e2a2cd9c7771e1b2a4b0009
 - Distribution of Mr and Hc and remanence ratio, Mn/Ms as a function of particle prokarski/coatesness.
- A-5.pdf
 - Appendix!
 - Adobe PDF - 9.9 MB - Oct 15, 2020 - 0 Downloads
 - MDS: 1d14cd80b11dc349fb8a19e2c2154af
 - Showing a selected few particles that represent the two different slopes observed among the selected particles. N was calculated and volume corrected from the slope between Mr and Hc.
- Complete object list.tab
 - Tabular Data - 199.1 KB - Sep 18, 2020 - 4 Downloads
 - 22 Variables, 414 Observations - UNF:5.0MyTU6vVRNbjUTUHw==
- Large particles.tab
 - Tabular Data - 7.6 KB - Sep 18, 2020 - 3 Downloads
 - 22 Variables, 31 Observations - UNF:5.0MyTU6vVRNbjUTUHw==
- OPX All.stl
 - application/mst-pls-stl - 81.2 MB - Oct 15, 2020 - 0 Downloads
 - MDS: 1b0fd0240d53ab5feef1549cb29798

1 2 3 4 5 6 7 8 9 10

Files Per Page 10

Text Preview

Filename: 00_Readme.txt

In *Replication Data and appendix for: Hysteresis of natural magnetite ensembles: Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion beam nanotomography* (version 2.1), by Nikolaisen, Even

[Download File](#)

[Close Preview](#)

File uploaded on 2020-09-18

Replication data for the results in "Hysteresis of natural magnetite ensembles: Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion beam nanotomography" (version 2.1) by Nikolaisen, Even

- "Complete object list.tab" lists the individual particles in both plagioclase and pyroxene that have completed 20 hysteresis and backfield runs. This file also lists the particle ID, particle type, and the number of runs completed.
- "Large particles.tab" lists parameters of the particles that were too large to be completed for hysteresis and or backfield. It also lists the particle ID, particle type, and the number of runs completed.
- "OPX All.stl" and "Plag all.stl" are unfiltered binary STL (stereolithography) files that represent the meshes from the raw milled volume within both mineral types.

Folders "OPX binary meshes" and "OPX ASCII meshes" contain the following STL (stereolithography) files of individual particles with their geometric representations:
-- in "OPX binary meshes" OPX1.stl to OPX283.stl
-- in "OPX ASCII meshes" OPX-1.stl to OPX-283.stl

Folders "Plag binary meshes" and "Plag ASCII meshes" contain the following STL (stereolithography) files of individual particles with their geometric representations:
-- in "Plag binary meshes" PLAG1.stl to PLAG162.stl
-- in "Plag ASCII meshes" PLAG-1.stl to PLAG-162.stl

Citation Metadata ▾

Dataset Persistent ID doi:10.18710/Q0F8PA
Publication Date 2020-09-18

Title Replication Data and appendix for: Hysteresis of natural magnetite ensembles. Micromagnetics of silicate-hosted magnetite inclusions based on focused-ion-beam nanotomography

Author Nikolaisen, Even (NTNU) - ORCID: 0000-0002-8285-2797

Contact Use email button above to contact.
 Nikolaisen, Even (NTNU)

Description Collection of all particles from two micrometer sized cubes of plagioclase and pyroxene extracted with FIB-SEM nanotomography from the Marcus intrusion, SW Australia. The particles is represented by pre processed and smoothed stereolithography files (STL) and segmented into individual domains based on micromagnetic calculations. These files can be converted to other formats (PLY, STL, OBJ and OVF-all) and can be subdivided at own discretion. The results in "Complete object list.txt" is generated and can be replicated by solidification (Iso2Mesh) - conversion to paristr (gtbase) and modeled using the three dimensional micromagnetic code MERRILL at room temperature in 20 different field directions. The high-resolution 3D imaging and extensive micromagnetic modeling provides a wealth of information about the magnetite. Arguing that the original interpretation of such results should be cautiously revised for two reasons: firstly, single-domain and multi-domain models do not predict the same trends when increasing grain size; and, secondly, the multi-component nature of domain states represented within each silicate volume spans the entire range of natural variability seen in bulk samples. This questions the validity of an interpretation of the bulk averages in terms of grain size alone. (2020-08-19)

Subject Earth and Environmental Sciences

Keyword Rock magnetism, Magnetic modeling, Micro magnetics, FIB Nanotomography, Slice and View, Magnetic mineralogy

Related Publication Submitted for review

Language English

Producer Norwegian University of Science and Technology (NTNU) <https://www.ntnu.edu/>

Production Place Institute of geophysics

Distributor NTNU Open Research Data (Norwegian University of Science and Technology) (NTNU) <https://dataverse.no/dataverse/ntnu>

Depositor Nikolaisen, Even

Deposit Date 2020-08-19

Date of Collection Start: 2017-08-21 | End: 2018-05-30

Kind of Data Members of magnetic particles extracted from slice and view of plagioclase and pyroxene

Software Fiji (ImageJ), Paraview, Meshmixer, Meshlab, MATLAB with Iso2Mesh, MERRILL, Version: <https://www.geos.ed.ac.uk/geosciences/research/projects/rockmag>

Files Metadata Terms Versions

View Differences

	Dataset	Summary	Contributors	Published
<input type="checkbox"/>	2.1	Files (Changed File Metadata: 6); View Details	Ane Møller Gabrielsen, Even Nikolaisen	Nov 10, 2020
<input type="checkbox"/>	2.0	Files (Added: 894; Removed: 892); View Details	Ane Møller Gabrielsen, Even Nikolaisen	Oct 15, 2020
<input type="checkbox"/>	1.0	This is the first published version.	Ane Møller Gabrielsen, Even Nikolaisen	Sep 18, 2020

Files Metadata Terms Versions

Terms of Use ▾

Waiver ▾ Our [Community Norms](#) as well as good scientific practices expect that proper credit is given via citation. Please use the data citation above, generated by the Dataverse.

CC0 - "Public Domain Dedication" 

→ Log In

Log in or sign up with your institutional account — more [information about account creation](#). Leaving your institution? Please contact [DataverseNO](#) for assistance.

Your Institution

Feide - Norwegian educational ins...

Feide - Norwegian education ▾

Continue

[Allow me to type the name of my institution](#)

Other options

[Username/Email](#)

 **DataverseNO** Certified by 

Search ▾ Deposit Guide Support Ane Møller Gabrielsen ▾

Citation Metadata ▾

Title * ⓘ Anes test av filoplassing

Subtitle ⓘ

Alternative Title ⓘ

Alternative URL ⓘ Enter full URL, starting with http://

Other ID ⓘ

Agency ⓘ Identifier ⓘ +

Author * ⓘ

Name * ⓘ Gabrielsen, Ane Affiliation ⓘ NTNU - Norwegian University of Scien +

Identifier Scheme ⓘ Identifier ⓘ Select...

Contact * ⓘ

Name * ⓘ Gabrielsen, Ane Affiliation ⓘ NTNU - Norwegian University of Scien +

E-mail * ⓘ ane.gabrielsen@ntnu.no

Description * ⓘ This field supports only certain HTML tags.

Text * ⓘ En beskrivende tekst +

Date * ⓘ 2020-11-17

Subject * ⓘ Other

Keyword * ⓘ Term * ⓘ test Vocabulary ⓘ

Vocabulary URL ⓘ Enter full URL, starting with http:// +

Please read ↶

Deposit Guidelines

On this page, we describe how research data must be **prepared** before they can be published in DataverseNO, how the **deposit process** works, and how you can **refer** to your own or others' data.

- [Prepare your data for depositing](#)
- [Deposit your data](#)
 - ➔ [DataverseNO Deposit Agreement](#)
- [Refer to your data](#)