

An illustration of an iceberg floating in a blue ocean. The tip of the iceberg is above the water line, while the much larger base is submerged. The iceberg has a low-poly, geometric appearance with various shades of blue and white. The water is a deep blue with some lighter blue ripples.

Data sharing ethics & culture, and how NorDataNet services help

Øystein Godøy



Outline

- Data sharing ethics, certainly before publishing
- Data Life Cycle and its relation to the scientific workflow, revisited from a scientists point of view
- Data sharing in a cultural perspective and relations to the scientific workflow
- NorDataNet service overview

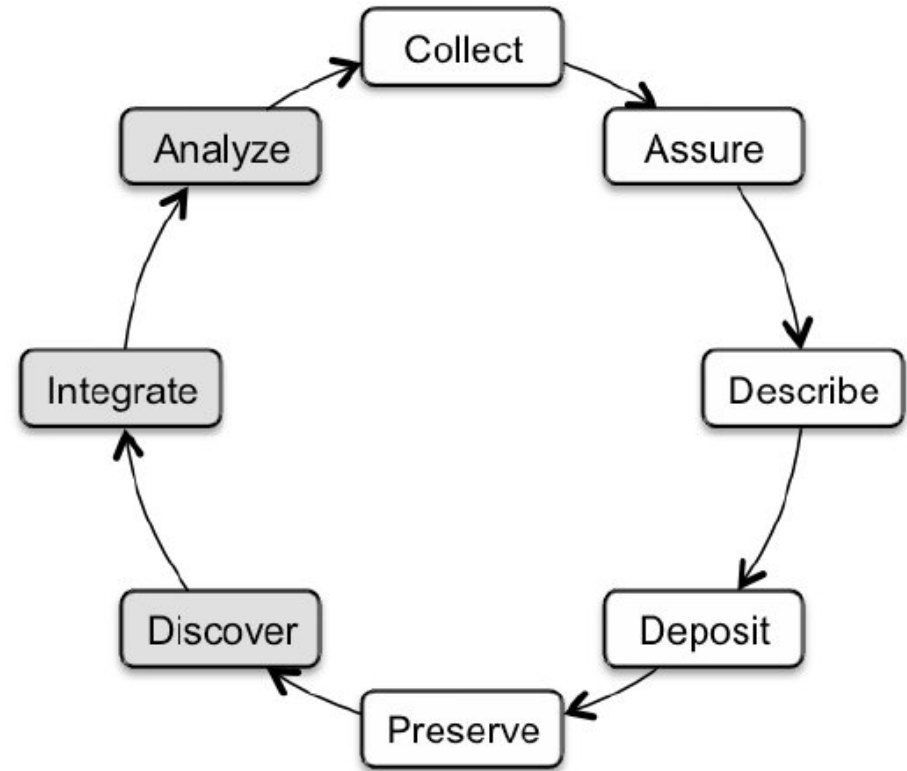
Data sharing ethics prior to publishing

- Identify the PI(s) of a dataset of interest
- Present your intentions to the PI(s) of a dataset of interest
- Make an agreement on how to use the data
- Acknowledge and respect agreements made
 - Shared data must only be used for the agreed purpose.
 - Use in other form than agreed upon has to be negotiated with the data PI(s).
 - If a publication or presentation is planned, clarify the mutual expectations on (co-)authorship.
- Never share unpublished data
- Do not present or publish without consent
- Publish according to international standard
 - ICMJ “Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals”.
- Acknowledge the project

Always cite data used!!

Data Life Cycle and its relation to the researchers workflow

- Generate or collect data
- Quality control and document data
- Analyse data
- Prepare and publish data through a mandated archive
 - Remember to get a DOI!!
- Write a data paper
 - Cite your datasets using the provided DOI
- Write your scientific paper
 - Cite your data paper describing the context of the data



Data sharing in a cultural perspective and relations to the researchers workflow

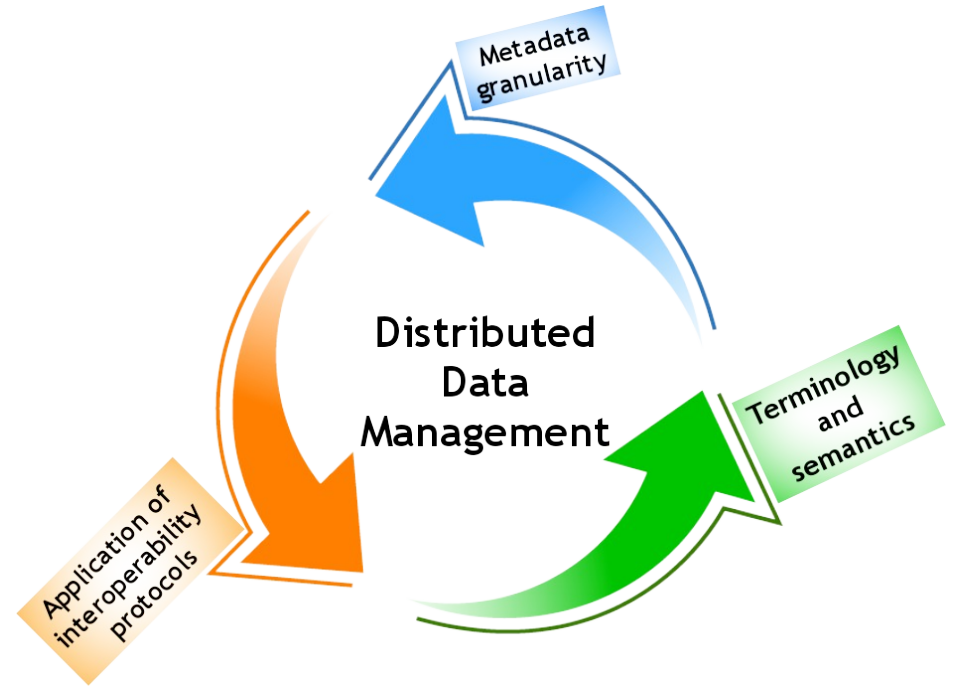
- Within some communities data sharing is the normal situation
 - In particular within remote sensing communities
- Other communities are more restrictive and consider data a personal item
 - In particular those “suffering” to get data
- Ownership to data are regulated through research grants contracts
 - Usually between the funding agency and the institution of the researcher
- While researchers often only use their own data, the intention of stakeholders (ministries and funding agencies) are to maximise the usage of data
 - Increased value for money
- Research programmes are increasingly focused on interdisciplinary science and societal benefit (impact) of science

Good data sharing practises

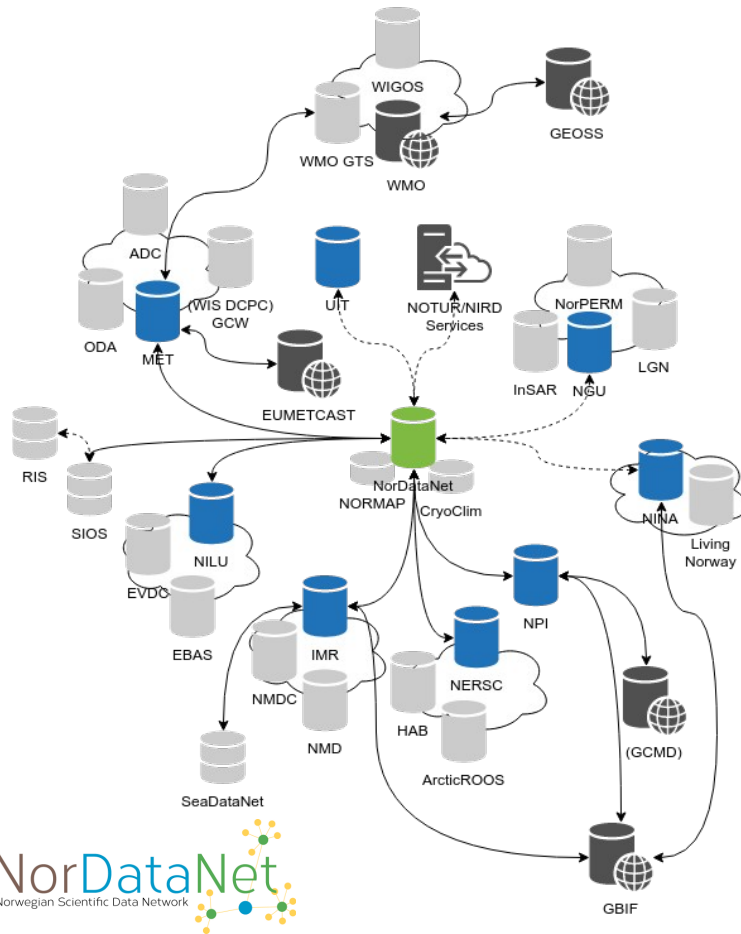
- Reduces the amount of duplicate data records
- Reduces the amount of duplicate field activities collecting data
- Reduces the environmental footprint of science
- Maintains the visibility of institutions and individuals
- Supports the intention of ministries and funding agencies

Bottlenecks

- Individual thresholds for sharing data are too high
 - Training, toolboxes and web services reducing the threshold is required
- Education lacks focus on data management
 - Equally important as measurement practise
 - Need to get this into the education
- Data managers and scientists has to work together, identifying gaps and closing them
 - Communication and willingness are essential
- Roles of scientists and data centres are changing, but mutually depending of each other



Norwegian Scientific Data Network - NorDataNet



- Distributed data management network
- Development funded by the Research Council of Norway
- Activities are supporting other efforts like SIOS, GCW, NBS, YOPP, ...
- Building on existing data centres nationally and the legacy of IPY
 - Originally geoscientific data
 - But requested by RCN to be interdisciplinary
- Adding efforts like NORMAP and CryoClim as collections
 - Preparing integrations with NBS
- Discovery metadata are harvested into a unified catalogue
 - OAI-PMH, OGC CSW, (OpenSearch)
- Moving towards standardised data hosted by core partners
 - Actionable data as basis for user oriented services
 - Externally harvested information may be of any kind
- Relying on technologies like OPeNDAP, OGC WMS and OGC WPS

NorDataNet User Services

- Need to identify which services to offer to users (data providers and data consumers)
 - Simplifying their work
 - Showing the benefit of structured data management
 - Slow uptake in user communities
 - Need to interact better with user communities
 - Exploring interactions between research and operations
- Primary focus on Findable, Accessible, Interoperable, Reuseable
 - Data for services
- Modular approach
- Currently offering
 - A unified search interface
 - On the fly visualisation and transformation of data depending on FAIRness and protocols
 - Compliance checker for NetCDF-CF
 - Joint with SIOS and Nansen Legacy
 - Conversion tool for NetCDF-CF
 - Joint with SIOS and NMDC
- Ongoing work
 - Integration with NIRD
 - Joint with Nansen Legacy and SIOS InfraNOR
 - Improving visualisation and transformation
 - Improving data documentation support to data providers

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https://www.nordatanet.no

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English

Norwegian Bokmål

Editorial, Nature 461, 145 (10. September 2009)


"More and more often these days, a research project's success is measured not just by the publications it produces, but also by the data it makes available to the wider community.

Pioneering archives such as GenBank have demonstrated just how powerful such legacy data sets can be for generating new discoveries – especially when data are combined from many laboratories and analysed in ways that the original researchers could not have anticipated."

Quick access to data

Click on the map to draw a selection box. Boxes in UPS are transformed into 4-edge polygons

Select Projection ☐ EPSG:4326 ☒ UPS North ☐ UPS South



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CHES Course 2021: An Introduction to FAIR Data Management for Geoscientists

Submitted by: [lara](#)
on Wed, 10/06/2021 - 14:28

Registrations are open for the course: **An Introduction to FAIR Data Management for Geoscientists**

When: 18 – 22 October, 2021
Where: Online
Credit: 1 ECTS
Course lecturers: Øystein Godoy/MET, Torill Hamre/NERSC, Lara Ferrighi/MET, Markus Fiebig/NILU
Course responsible: Joachim Reuder/UIB, Joe LaCasce/UiO

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Planned maintenance

Submitted by: [lara](#)
on Fri, 08/13/2021 - 09:11

On Sunday August 15th, a scheduled maintenance will take place between 18 and 21 CET. During this time the site will not be available. We apologise for any inconvenience.

How to contact the project

The NorDataNet project office is hosted at the Norwegian Meteorological Institute, but NorDataNet is a joint collaboration between several partners. In order to facilitate user interaction and efficient handling of requests, NorDataNet has set up a contact form as well as an issue management system. In order to use these users must be registered. This is to avoid spamming which is an increasing problem.

The contact form is available at <https://www.nordatanet.no/en/contact> and the issue tracker is available at <https://www.nordatanet.no/en/project/issues>. If everything fails, please try direct email to nordatanet@met.no.

User registration

The NorDataNet website is free and open. Most of the functionality can be used without registration. However, for some functionality, we may require users to register. The reasons for this are

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☒ Level-1 (35571)

Collection

☐ ADC (35571)
☐ NSDN (32877)
☐ GCW (20737)
☐ SIOS (1697)
☐ YOPP (739)

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Has children

- Any -

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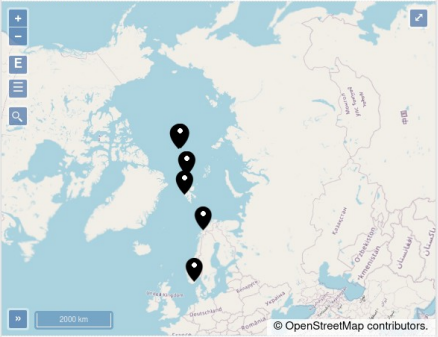
- climatology/Meteorology/Atmosphere

Metadata Search

Select Projection: ☐ EPSG:4326 ☒ UPS North ☐ UPS South

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Current filter: Within



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35571 datasets found. Showing datasets 1 - 15 on page 1 of 2372 pages.

EISCAT Tromso radar observations of Polar Mesospheric Summer

Personnel

- Diepenbroek (831)
- Elke Bieber (789)
- Oystein Godoy (555)
- Jan Erik Hanssen (538)
- Ann Kristin Østrem (480)

Show more

Project

☐ APPLICATE (544)
☐ YOPP (495)
☐ SIOS (450)
☐ Hausgarten (441)
☐ HERMES (228)

Show more

Organisation

- World Glacier Monitoring Service, University of Zurich (18752)
- NO01L, Norwegian Institute for Air Research, NILU, Atmosphere and Climate Department, Instituttveien 18, 2007, Kjeller, Norway (1193)
- DE03L, Umweltbundesamt, UBA-LA, Langen, Paul-Ehrlich-Str. 29, 63225, Langen, Germany (870)
- ES04L, Ministerio de Medio Ambiente, DG de Calidad y Evaluación Ambiental, Plaza de San Juan de la C. ruz, s/n, 28071 Madrid, Spain (808)
- Norwegian Meteorological Institute (601)

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Publisher

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Dataset Level

☒ Level-1 (2)

Collection

☐ ADC (2)
☐ APPL (1)
☐ GCW (1)
☐ NSDN (1)
☐ SIOS (1)

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Bjorli

Start Date End Date

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Has children

- Any -

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Isotopic Category

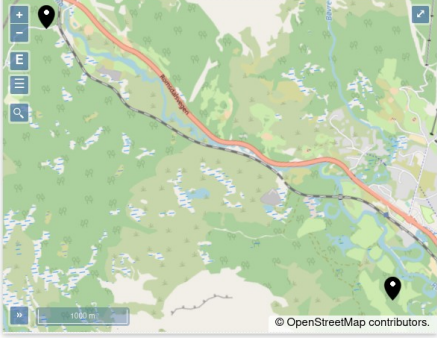
- climatology/Meteorology/Atmosphere (2)

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Current filter: Within



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Ground based in situ observations of hand_picked at **Bjorli** (moss) (NO2005P)

Personnel

- Elliv Steinnes, Hilde Uggerud (1)
- Oystein Godoy (1)

Project

☐ APPLICATE (1)
☐ SIOS (1)
☐ YOPP (1)

Organisation

- NO01L, Norwegian Institute for Air Research, NILU, Atmosphere and Climate Department, Instituttveien 18, 2007, Kjeller, Norway (1)
- Norwegian Meteorological Institute (1)

Publisher

Data Center

- None (1)
- WMO (1)

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Iso Topic Category

- climatology/Meteorology/Atmosphere (2)

Keywords

- air_pressure (1)
- air_pressure_at_sea_level (1)
- air_temperature (1)
- aluminium (1)
- antimony (1)
- arsenic (1)
- Atmosphere > Atmospheric Pressure > Surface Pressure (1)
- Atmosphere > Atmospheric Temperature > Surface Air Temperature (1)
- Atmosphere > Atmospheric Water Vapor > Humidity (1)
- Atmosphere > Atmospheric Winds > Surface Winds (1)

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Ground based in situ observations of hand_picked at **BJORLI** (moss) (NO2085R)

Institutions: NO01L, Norwegian Institute for Air Research, NILU, Atmosphere and Climate Department, Instituttveien 18, 2007, Kjeller, Norway
Last metadata update: 02/11/2021 - 01:00
Temporal Extent
Start date: 2015-07-11T14:30:00Z
End date: 2015-07-11T14:30:00Z

... Ground based in situ observations of hand_picked at **BJorli** (moss) (NO2085R). These measurements are gathered as a part of the ... Hilde Uggerud ... Ground based in situ observations of hand_picked at **BJorli** (moss) (NO2085R) ...

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Download data Download as ASCII OpenDAP

License : NILU: Public open access. We encourage contacting data originators if substantial use of individual time series is planned (fair use data policy).

SYNOP data from station **BJORLI**

WMO Year of Polar Prediction, Svalbard Integrated Arctic Earth Observing System (YOPP, APPLICATE, SIOS)
Institutions: Norwegian Meteorological Institute
Last metadata update: 02/27/2018 - 17:00
Temporal Extent
Start date: 2013-01-01T01:00:00Z

... Synoptic meteorological measurements from **BJORLI** extracted from the WMO Global Telecommunication System (GTS). Data ... Svalbard Integrated Arctic Earth Observing System ... SYNOP data from station **BJORLI** ...

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SYNOP data from station **BJORLI**

WMO Year of Polar Prediction, Svalbard Integrated Arctic Earth Observing System (YOPP, APPLICATE, SIOS)
Institutions: Norwegian Meteorological Institute
Last metadata update: 02/27/2018 - 17:00
Temporal Extent
Start date: 2013-01-01T01:00:00Z

... Synoptic meteorological measurements from **BJORLI** extracted from the WMO Global Telecommunication System (GTS). Data ... Svalbard Integrated Arctic Earth Observing System ... SYNOP data from station **BJORLI** ...

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☐ Level-2 (689616)

Collection

☐ ADC (725192)
☐ NSDN (714086)
☐ APPL (614015)
☐ YOIPP (539173)
☐ SIOS (30327)

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Has children
- Any -

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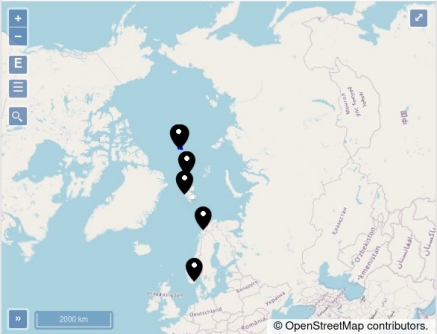
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725192 datasets found. Showing datasets 1 - 15 on page 1 of 48347 pages.

EISCAT Tromso radar observations of Polar Mesospheric Summer

Personnel

- Not available (508745)
- Margarida Samso Cabre (104448)
- NRL (22274)
- Norwegian Meteorological Institute (17344)
- NERSC (17003)

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Project

☐ APPLICATE (613677)
☐ Not available (39644)
☐ NORMAP (18430)
☐ YOIPPsiteMIP (5412)
☐ SIOS_INFRANOR (2743)

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Organisation

- NCC (321606)
- Barcelona Supercomputing Centre (104778)
- AWI (65500)
- CNRM-CERFACS (64950)
- MOHC (56689)

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Publisher

- PANGAEA (1788)
- NASA NSIDC DAAC: NASA National Snow and Ice Data Center Distributed Active Archive Center (32)
- Norwegian Polar Institute (26)
- NSIDC: National Snow and Ice Data

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Collection

☐ ADC (5)
☐ NSDN (5)
☐ NMDC (1)

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Iso Topic Category

- oceans (1)


Keywords

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5 datasets found. Showing datasets 1 - 5 on page 1 of 1 pages.

ROMS **Norkyst800** ocean model

Personnel

- ArlinnMorvik (2)
- EglinStaren (2)
- Nils Melsom Kristensen (1)

Project

☐ Public service (2)

Organisation

- Institute of Marine Research (2)
- Norwegian Meteorological Institute (met.no) (2)
- Norwegian Meteorological Institute (1)

Publisher

Data Center

- NO/MET (2)
- Institute of Marine Research, Norwegian Marine Data Centre, Norway (1)
- NO/IMR (1)

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NSND (5)
NMDC (1)

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norkyst800

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- Any -

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Iso Topic Category

- oceans (1)

Keywords

- EARTH SCIENCE > OCEANS > OCEAN CIRCULATION > OCEAN CURRENTS (2)
- EARTH SCIENCE > OCEANS > OCEAN TEMPERATURE > SEA SURFACE TEMPERATURE (2)
- EARTH SCIENCE > OCEANS > OCEAN TEMPERATURE > WATER TEMPERATURE (2)
- EARTH SCIENCE > OCEANS > SALINITY/DENSITY > SALINITY (2)
- EARTH SCIENCE > OCEANS > SEA ICE > SEA ICE CONCENTRATION (2)
- EARTH SCIENCE > BIOLOGICAL CLASSIFICATION > ANIMALS/INVERTEBRATES > ARTHROPODS > CRUSTACEANS > COPEPODS (1)
- EARTH SCIENCE > HUMAN DIMENSIONS > ENVIRONMENTAL IMPACTS (1)
- EARTH SCIENCE > OCEANS > AQUATIC SCIENCES > AQUACULTURE (1)
- kopepoditt (1)
- lakselus (1)

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ROMS *NorKyst800* ocean model

Public service

Institutions: Norwegian Meteorological Institute
Last metadata update: 02/07/2020 - 23:45
Temporal Extent
Start date: 2017-02-28T01:00:00Z

Public service ... ROMS *NorKyst800* ocean model ...

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Dataset Landing Page

Data access:

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Weekly connectivity matrices

Institutions: Institute of Marine Research
Temporal Extent
Start date: 2016-01-01T01:00:00Z
End date: 2016-12-31T01:00:00Z

... the hydrodynamic dispersion LADIM (https://github.com/bjornaa/ladim) using *NorKyst800* as forcing ...

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Organisation

- Institute of Marine Research (2)
- Norwegian Meteorological Institute (met.no) (2)
- Norwegian Meteorological Institute (1)

Publisher

Data Center

- NO/MET (2)
- Institute of Marine Research, Norwegian Marine Data Centre, Norway (1)
- NO/IMR (1)

Salmon lice LADIM V2
ROMS NorKyst800 forecast
ROMS NorKyst800 analysis
ROMS NorKyst800 ocean model

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Side Panel

Layer switcher

☒ WMS Layers

☒ ROMS NorKyst800

☐ angle between XI...

☐ sea_floor_depth_b...

☐ latitude

☐ longitude

☐ sea_water_salinity

☒ sea_water_potent...

☐ x_sea_water_velo...

☐ eastward_sea_wa...

☐ y_sea_water_velo...

☐ northward_sea_w...

☐ upward_sea_wate...

☐ time-averaged ve...

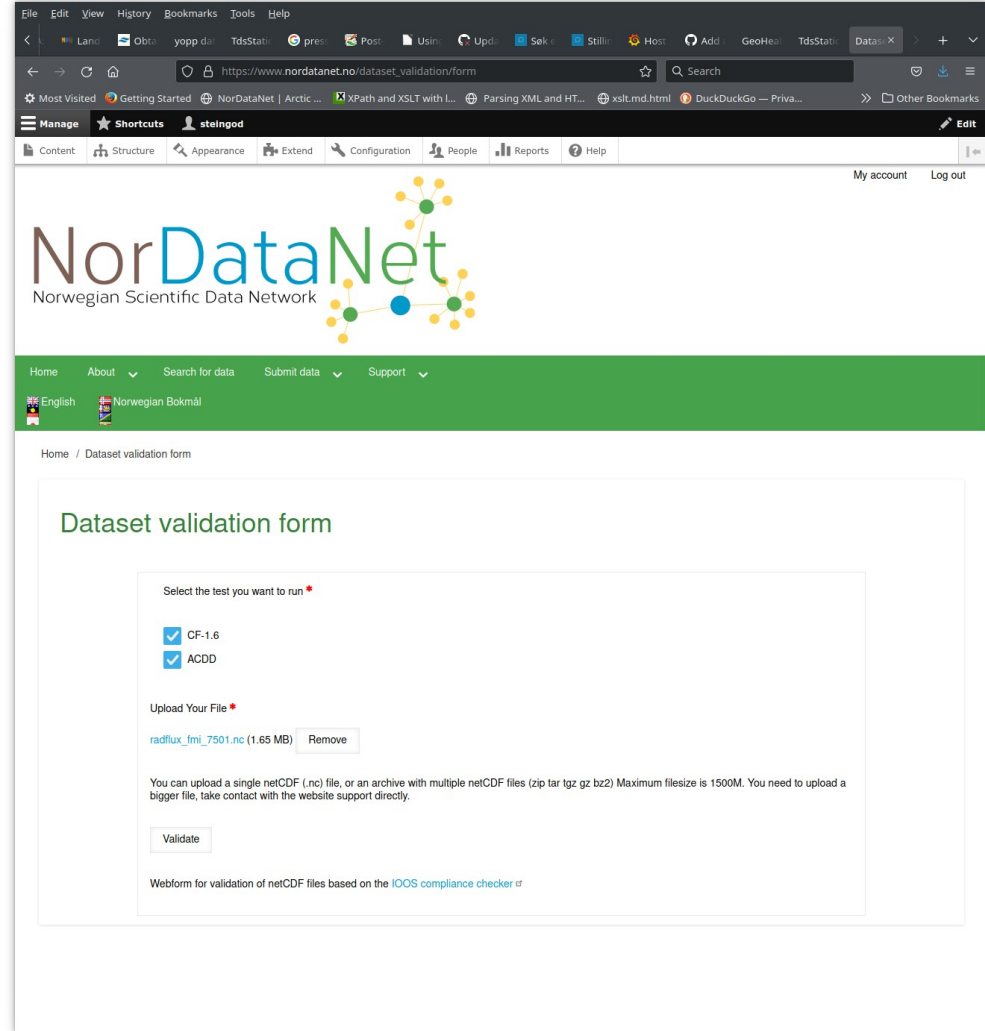
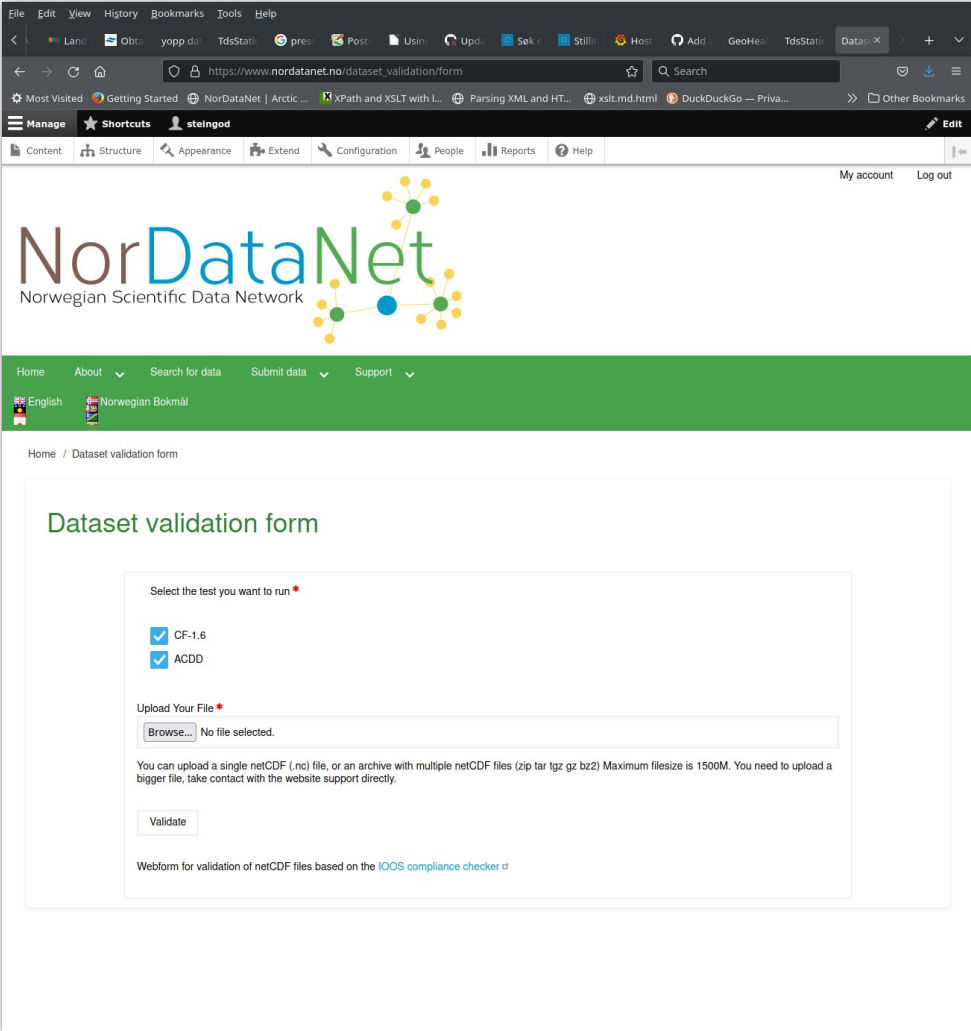
☐ time-averaged ve...

☐ sea_surface_elev...

☐ sea water velocity

Time dimensions: 2017-02-28T12:00:00.000Z

Elevation dimensions: 0.0 m



File Edit View History Bookmarks Tools Help

Land Obra yopp da TdsStat pres Post Usin Upd Sek Still Host Add GeoHeal TdsStat Data: X + -

https://www.nordatanet.no/dataset_validation/form

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Dataset validation form

Your dataset **radflux_fmi_7501.nc** is **NOT** compliant with **cf:1.6**

Error details

Compliance Checker



Compliance Checker

cf:1.6
Corrective Actions

Errors | 1
Name Reasoning
§9.1 Features and feature types Unidentifiable feature for variable ssi Unidentifiable feature for variable di

Your dataset **radflux_fmi_7501.nc** is **NOT** compliant with **acdd**

Error details

Select the test you want to run *

☒ CF-1.6
☒ ACDD

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Land Obra yopp da TdsStat pres Post Usin Upd Sek Still Host Add GeoHeal TdsStat Data: X + -

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Dataset validation form

Your dataset **radflux_fmi_7501.nc** is **NOT** compliant with **cf:1.6**

Error details

Compliance Checker



Compliance Checker

acdd:1.3
Corrective Actions

Highly Recommended | 5
Name Reasoning
Global Attributes
summary not present Conventions does not contain 'ACDD-1.3'

variable "di" missing the following attributes: coverage_content_type
variable "latitude" missing the following attributes: long_name
variable "longitude" missing the following attributes: long_name
variable "ssi" missing the following attributes: coverage_content_type

Select the test you want to run *

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How to encode data | GCV | NIRD · Documentation | Sigma2 | Research Data | Sigma2

https://www.sigma2.no/content/research-data

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About

Research Data

Scientific Research Data represent and provide huge resources for the scientific communities and for the innovation of the society in its whole. To facilitate the researching process, IT services must be available to support researchers at any stage of the research data life cycle, from the early stages of the project planning, throughout the entire project lifetime and beyond.

NIRD is the new National e-Infrastructure for Research Data, owned and operated by Uninett Sigma2. NIRD provides a flexible and secure facility for storing research data and offers software tools and applications to collect, store, process such data, high performance computing systems and on-demand computing resources to meet the researchers needs and enable them to tackle their scientific challenges.

Services

- Generic services
- Computational Services (HPC)
- Research Data
- Sensitive Data Services

Shortcuts

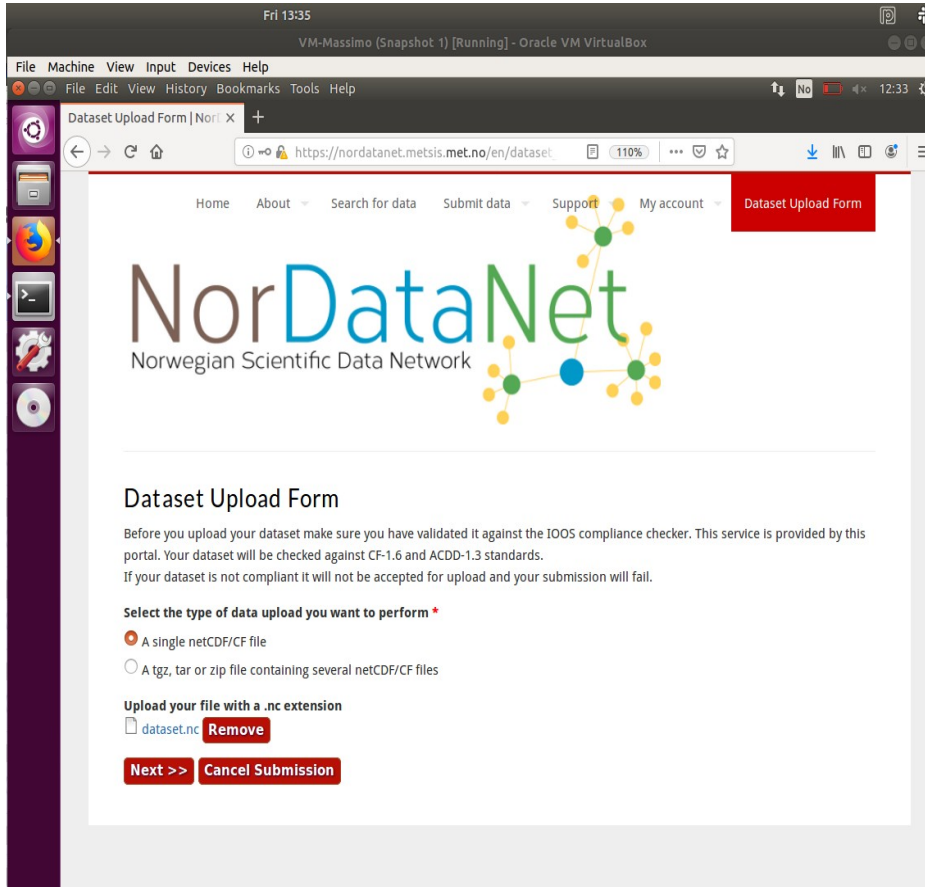
- Hardware Live status
- Metacenter opslog
- Procurements
- Research Data Archive
- Training
- User documentation

Get access

- Apply for HPC resources
- Apply for storage resources
- Apply for AUS resources
- Apply for user accounts

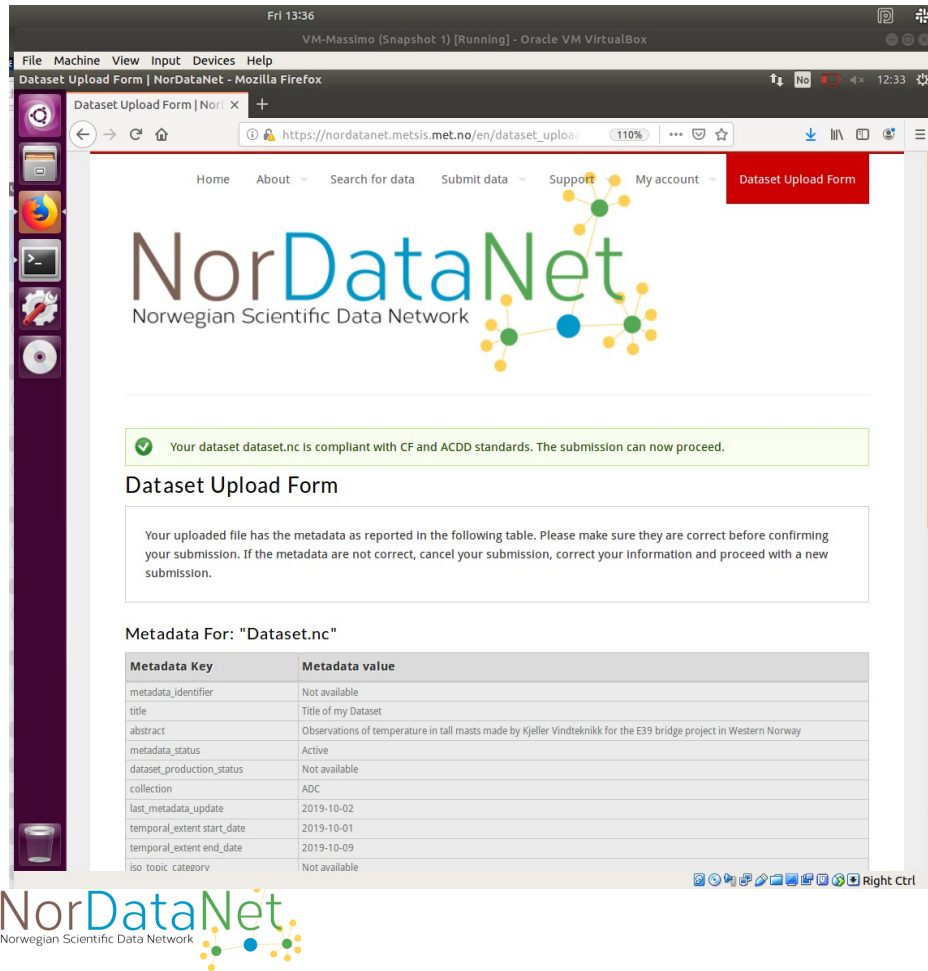
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Upload Interface to expose data from NIRD archive (1)



- The user has the possibility to upload a single dataset in NetCDF/CF format.
- A group of files (tgz/zip file) containing NetCDF/CF files.
- The NetCDF files must follow the CF/ACDD conventions in order to be able to extract the correct metadata from the dataset.
- Validation tools for NetCDF/CF are integrated in the work flow.

Upload Interface to expose data from NIRD archive (2)

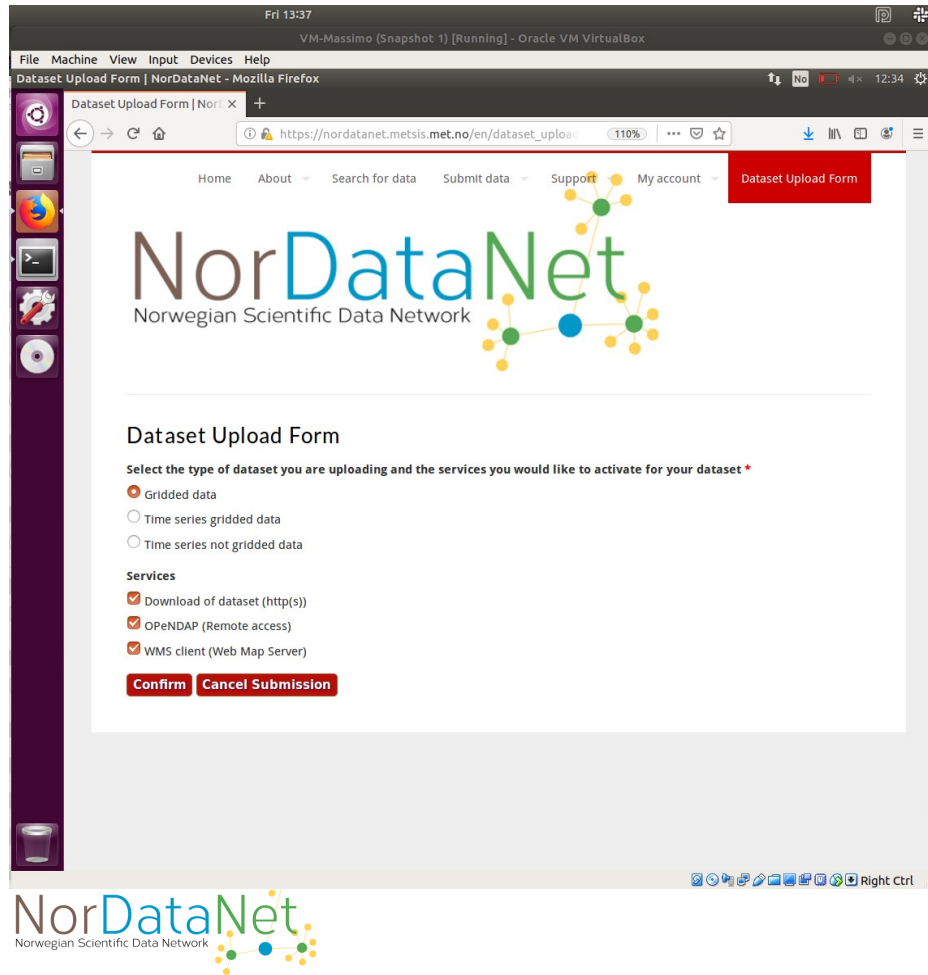


The screenshot shows a web browser window displaying the NorDataNet Dataset Upload Form. The page has a header with navigation links: Home, About, Search for data, Submit data, Support, My account, and a red button labeled 'Dataset Upload Form'. The main content area features the NorDataNet logo and a green success message: 'Your dataset dataset.nc is compliant with CF and ACDD standards. The submission can now proceed.' Below this is the 'Dataset Upload Form' section, which includes a warning: 'Your uploaded file has the metadata as reported in the following table. Please make sure they are correct before confirming your submission. If the metadata are not correct, cancel your submission, correct your information and proceed with a new submission.' The metadata table is titled 'Metadata For: "Dataset.nc"' and lists various keys and their values.

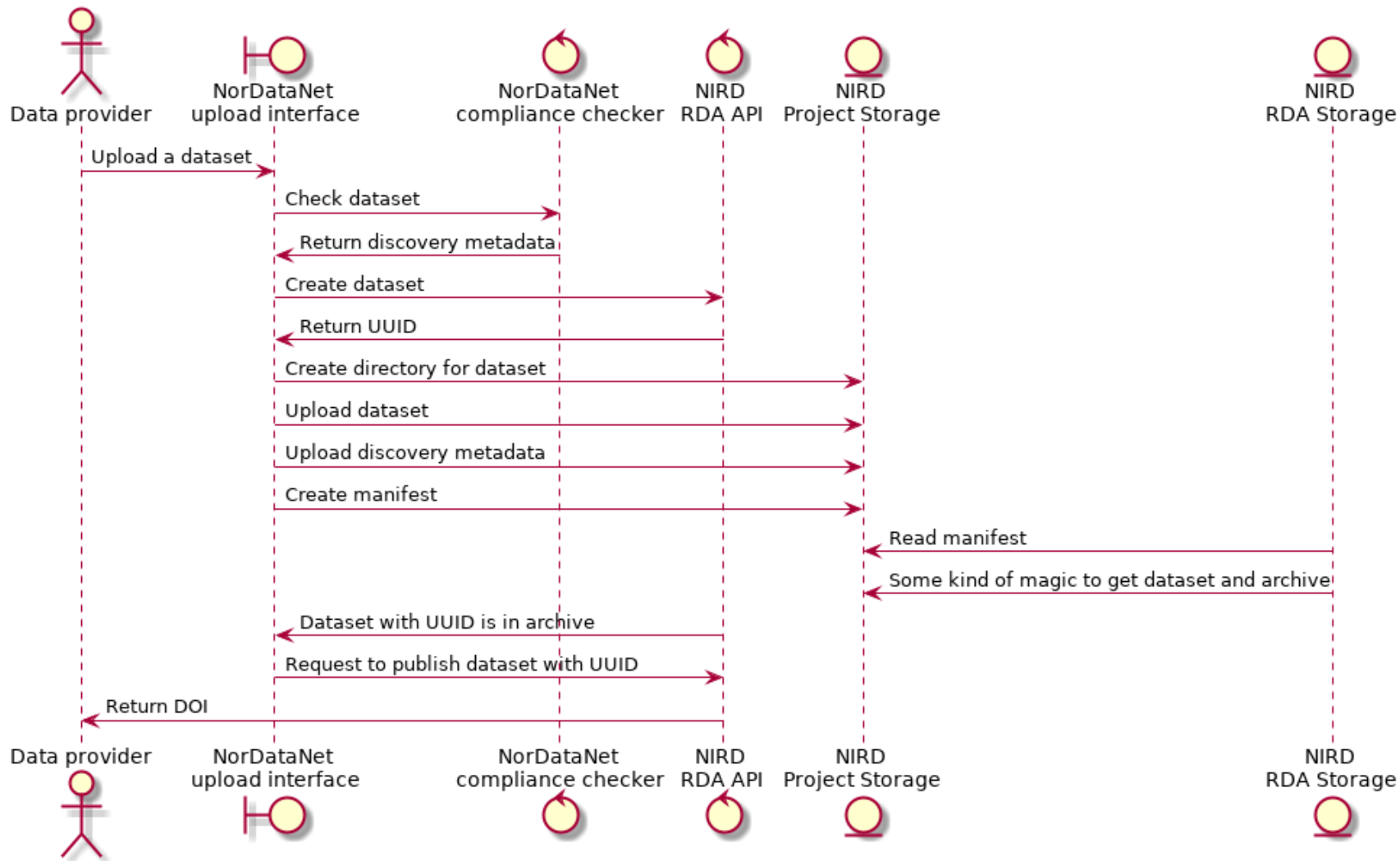
Metadata Key	Metadata value
metadata_identifier	Not available
title	Title of my Dataset
abstract	Observations of temperature in tall masts made by Kjeller Vindteknikk for the E39 bridge project in Western Norway
metadata_status	Active
dataset_production_status	Not available
collection	ADC
last_metadata_update	2019-10-02
temporal_extent_start_date	2019-10-01
temporal_extent_end_date	2019-10-09
iso_topic_category	Not available

- When submitting the dataset, it will be checked with respect to be CF/ACDD conventions.
- If these tests are passed, metadata are extracted and prepared to be sent to NIRD.
- The user can also check that the metadata extracted are correct and if not cancel the submission.

Upload Interface to expose data from NIRD archive (3)



- Depending on the type of data submitted the user can decide with type of services needed by NIRD to expose the dataset
- Data download (HTTP)
- OPeNDAP (remote access)
- OGC WMS (map visualization)



Data centres

- Affiliated with NorDataNet
 - Institute of Marine Research / Norwegian Marine data Centre
 - Nansen Environmental and Remote Sensing Center
 - Norwegian Institute for Air Research / EBAS
 - Norwegian Meteorological Institute / Arctic Data Centre
 - Norwegian Polar Institute
 - Norwegian Infrastructure for Research Data (NIRD)
- Other relevant data centers
 - Bjerknes Climate Data Centre

Arctic Data Centre

Quick access to datasets

Click on the map to draw a selection box. Boxes in UPS are transformed into 4-edge polygons

Select Projection: EPSG:4326 @UPS North @UPS South

Latest news

Data collected during the KV Svalbard cruise in 2008

Submitted by: Isari on Wed, 10/13/2021 - 11:30

DOI: <https://doi.org/10.21343/brym-vn8p07>

Abstract

Current profiles and hydrographic data collected by the Norwegian Polar Institute during the KV Svalbard cruise in 2008 in the Fram Strait.

Citation

Edmond Hansen, Paul Doks. Data collected during the KV Svalbard cruise in 2008. (2011) published by Norwegian Meteorological Institute. <https://doi.org/10.21343/brym-vn8p07>

License:

Data collected during the KV Svalbard cruise in 2007

Submitted by: Isari on Wed, 10/13/2021 - 09:50

DOI: <https://doi.org/10.21343/brym-vn8p07>

Abstract

Current profiles and hydrographic data collected by the Norwegian Polar Institute during the KV Svalbard cruise in 2007 in the Fram Strait.

Citation

Edmond Hansen, Paul Doks. Data collected during the KV Svalbard cruise in 2007. (2011) published by Norwegian Meteorological Institute. <https://doi.org/10.21343/brym-vn8p07>

License:

Information extracted from WMO GTS on synoptic weather stations

Submitted by: Isari on Mon, 09/13/2021 - 15:50

DOI: <https://doi.org/10.21343/92a6-6369f1>

Abstract

The information extracted from WMO GTS on synoptic weather stations are now working again. There has been a dropout of services. This information will be further improved with direct download of individual years.

Citation

Thomas Lavigne. Arctic sea-ice drift vectors using a S2S (swath-to-swath) approach. (2021) published by Norwegian Meteorological Institute. <https://doi.org/10.21343/92a6-6369f1>

License:

Arctic sea-ice drift vectors using a S2S (swath-to-swath) approach.

Submitted by: Isari on Tue, 07/06/2021 - 13:37

DOI: <https://doi.org/10.21343/92a6-6369f1>

Abstract

Underlying dataset for the Lavigne et al. (2020) manuscript in EGU The Cryosphere Discussion. Processed from: OSCAR-WV, AMSR2 36.5 GHz (Ka-band) imagery. See the manuscript for more details.

Citation

Thomas Lavigne. Arctic sea-ice drift vectors using a S2S (swath-to-swath) approach. (2021) published by Norwegian Meteorological Institute. <https://doi.org/10.21343/92a6-6369f1>

License:

Search

Start Date: End Date:

Has children: ☐

Check whenever datasets is parent and have children

Search

emep

WMO Global Atmosphere Watch World data centres on - Aerosols (GAW-WDCAG) - Reactive Gases (GAW-WDCRG)

AMAP GPSPAR GUAN SIOS

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Available data

From: To:

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Map (Populate) (Show large)

Terrain

Additional resources

- New Real-Time data
- European Monitoring and Assessment Programme (EMEP-CLC)
- Site descriptions - EMEP
- WMO Global Atmosphere Watch
- Site descriptions - GAW
- Air mass trajectories
- Data submission
- Above EBAS
- EBAS User Feedback Track

Norwegian Polar Data Centre

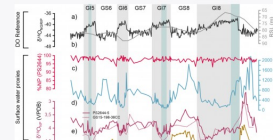
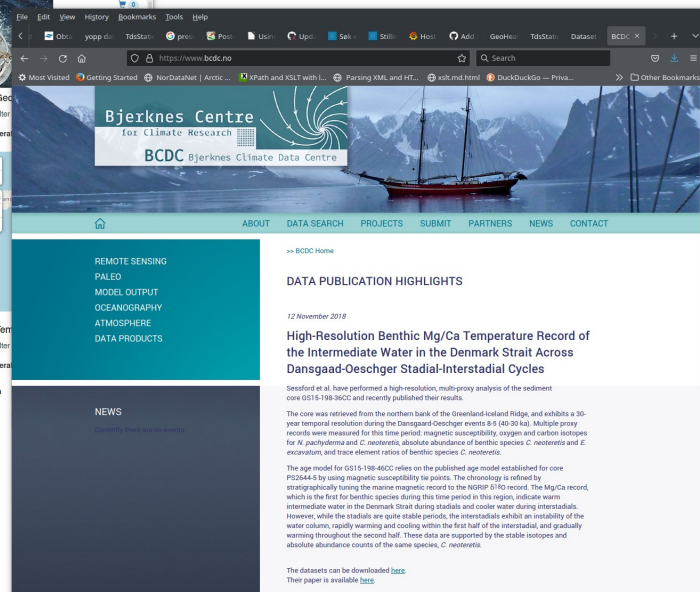
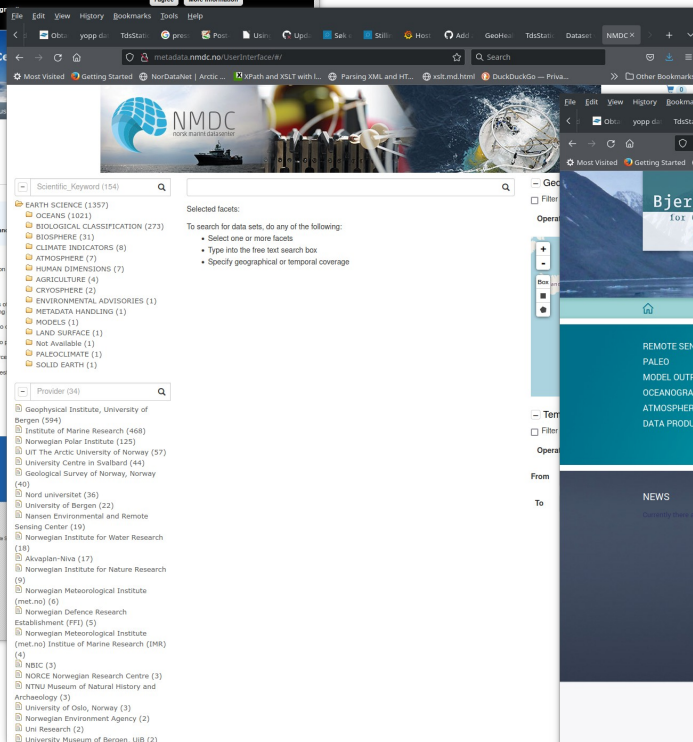
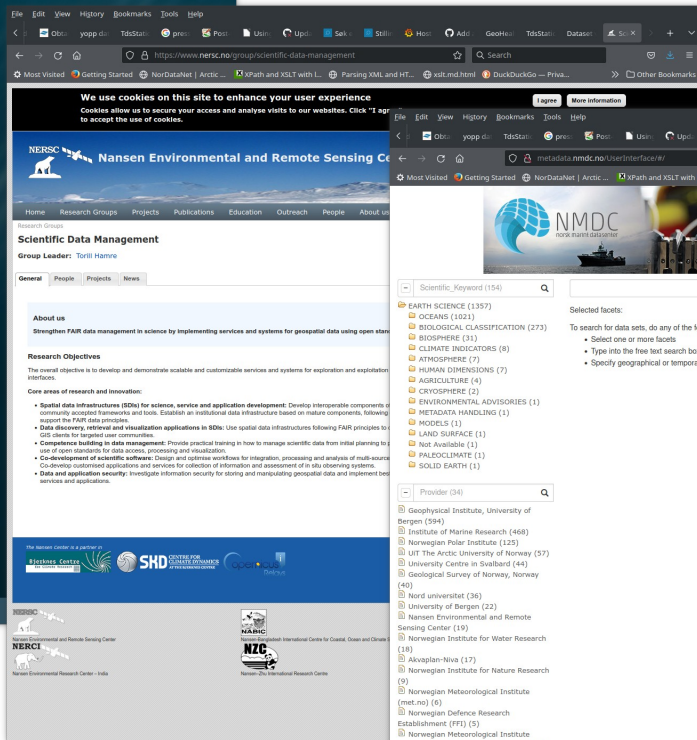
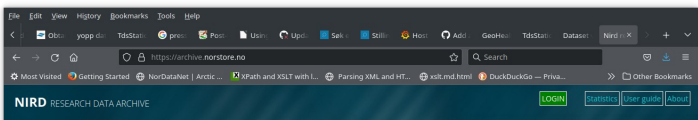
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Datasets

All published and non-published datasets curated by the Norwegian Polar Institute

Maps

Map data. Map services. Digitised maps. Web maps



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Editorial, Nature 461, 145 (10. September 2009)

“More and more often these days, a research pro... makes available to the wider community.”

“Pioneering archives such as GenBank have demonstrated just how powerful such legacy data sets can be for generating new discoveries – especially when data are combined from many laboratories and analysed in ways that the original researchers could not have anticipated.”

Contact form

Evaluation form


FAQ

Three simple steps towards publishing data

Quick access to data

Click on the map to draw a selection box. Boxes in UPS are transformed into 4-edge polygons

Select Projection ☐ EPSG:4326 ☒ UPS North ☐ UPS South



CHES Course 2021: An Introduction to FAIR Data Management for Geoscientists

Submitted by: [lara](#) on Wed, 10/06/2021 - 14:28

Registrations are open for the course: **An Introduction to FAIR Data Management for Geoscientists**

When: 18 – 22 October, 2021
Where: Online
Credit: 1 ECTS
Course lecturers: Øystein Goday/MET, Torill Hamre/NERSC, Lara Ferrighi/MET, Markus Fiebig/NILU
Course responsible: Joachim Reuder/UIB, Joe LaCasce/UiO

[Read more](#) [Add new comment](#)

Planned maintenance

Submitted by: [lara](#) on Fri, 08/13/2021 - 09:11

On Sunday August 15th, a scheduled maintenance will take place between 18 and 21 CET. During this time the site will not be available. We apologise for any inconvenience.

How to contact the project

The NorDataNet project office is hosted at the Norwegian Meteorological Institute, but NorDataNet is a joint collaboration between several partners. In order to facilitate user interaction and efficient handling of requests, NorDataNet has set up a contact form as well as an issue management system. In order to use these users must be registered. This is to avoid spamming which is an increasing problem.

The contact form is available at <https://www.nordatanet.no/en/contact> and the issue tracker is available at <https://www.nordatanet.no/en/project/issues>. If everything fails, please try direct email to nordatanet@met.no.

User registration

The NorDataNet website is free and open. Most of the functionality can be used without registration. However, for some functionality, we may require users to

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