



Norwegian Marine Data Centre

WP5

Data Catalogue

D5.5 – Online Data Catalogue

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Date: 2016-07-07

Revision history

Version	Date	Comment	Responsible
0.1	2016-07-07	First version	Arnfinn Morvik

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Introduction

This document describes the Online Data Catalogue

Applicable documents

- [1] NMDC System Requirements
- [2] NMDC Architecture Design Document
- [3] NMDC Use Cases
- [4] NMDC Data format and metadata structure
- [5] DMDC Data Catalogue Design

Online Data Catalogue

The screenshot shows the NMDC Online Data Catalogue interface. The browser address bar displays `prod1.nmdc.no/UserInterface/#/`. The header features the NMDC logo and a banner image of a ship and a globe. The main content area is divided into several sections:

- Scientific Keyword (141)**: A search bar and a list of categories including EARTH SCIENCE (130), OCEANS (92), MISSING-TOPIC (45), ATMOSPHERE (18), BIOSPHERE (15), BIOLOGICAL CLASSIFICATION (14), GEOGRAPHIC REGION (4), NOT AVAILABLE (4), SOLID EARTH (4), ACOBAR (3), ACOUSTIC (3), ACOUSTIC TECHNOLOGY FOR OBSERVING THE INTERIOR OF THE ARCTIC OCEAN (3), CLIMATE INDICATORS (3), HUMAN DIMENSIONS (3), VELOCITY (3), PALEOCLIMATE (2), AGRICULTURE (1), LAND SURFACE (1), and OCEAN TEMPERATURE (1).
- Provider (17)**: A list of institutions such as Institute of Marine Research, Geological Survey of Norway, Norwegian Meteorological Institute, Norwegian Institute for Water Research, Norwegian Polar Institute, Norwegian Institute for Nature Research, Nansen Environmental and Remote Sensing Center, Norwegian Defence Research Establishment, Akvaplan-Niva, and others.
- Selected facets**: 193 data sets found.
- Geographical coverage**: Filter by map bounding box, Operation (Is within), and a map of the Arctic region.
- Temporal coverage**: Filter by temporal coverage, Operation (Is within), From (1980-01-01), and To (2016-07-07).

The main list of data sets includes:

- N-ICE2015 on-ice based conductivity-temperature-depth (CTD) deep profiles
- Otter in coastal areas - Carcasses
- Hydrographical data from the Outer Oslofjord (CTD) 2001-2013
- MAREANO - Base-line mapping of hyperbenthic crustacea fauna obtained with RP-sledge
- Seabed sediments (grain size), regional mapping (scale 1:50 000 to 1:250 000)
- N-ICE2015 data on oxygen isotope ratios in seawater and sea ice
- N-ICE2015 data on salinity in sea ice, snow and seawater
- N-ICE2015 ship-based conductivity-temperature-depth (CTD) data
- Nutrients in the Inner Oslofjord, 1990-2012
- N-ICE2015 on-ice based conductivity-temperature-depth (CTD) from shallow profiles

The url to the data catalogue: <http://prod1.nmdc.no/UserInterface>

The data catalogue can also be reach from <http://www.nmdc.no> and select 'Dataset'