

DBO Metadata and Data

EOL DBO Data Archive

DBO Projects listed in EOL Data Archive

Biological Laboratory
Arctic

Data Access
About
How to Submit Data
Data Policy

Distributed Biological Observatory

An Arctic Data Archive Linking Physics & Biology

NEW! Provide Data Parameters Long Term DBO Data Archive

Clear all selections

Filters: **Projects**

Projects **Datasets**

Transect -

Clear

- DBO 1 - Southern St. Lawrence
- DBO 2 - Chirikov Basin
- DBO 3 - Southern Chukchi Sea
- DBO 4 - NE Chukchi Sea
- DBO 5 - Barrow Canyon
- DBO 6 - Beaufort Sea - 152 W
- DBO 7 - Beaufort Sea - 143 W
- DBO 8 - Beaufort Sea - Cape Bathurst

Researcher +

Vessel -

Clear

- Alaska Endeavor
- Alaskan Enterprise
- Alaskan Explorer
- Amundsen
- Annika Marie
- Aquila
- Araon
- Fairweather
- Healy
- Khromov
- Louis St. Laurent

Year +

Keywords +

Projects Involved in the DBO

Project Title	Author/Researcher	Transect	Vessel	Dates
Arctic Marine Biodiversity Observing Network (AMBN) 2015	Iken, Katrin, Jacqueline M. Grebmeier	3, 4	Norseman II	2015-08-09 to 2015-09-02
Arctic Nearshore Impact Monitoring in Development Area (ANIMIDA) 2015	Dunton, Kenneth H.	6, 7	Norseman II	2015-07-30 to 2015-08-05
Arctic Observing Network (AON) Ashjian 2012	Ashjian, Carin J.	5	Annika Marie	2012-08-22 to 2012-09-15
Arctic Observing Network (AON) Ashjian 2013	Ashjian, Carin J.	5	Annika Marie	2013-08-15 to 2013-09-30
Arctic Observing Network (AON) Ashjian 2014	Ashjian, Carin J.	5	Annika Marie	2014-08-01 to 2014-09-30
Arctic Observing Network (AON) Ashjian 2015	Ashjian, Carin J.	5	Annika Marie	2015-08-18 to 2015-09-07
Arctic Whale Ecology Study (ARCWEST) / Chukchi Acoustic, Oceanographic and Zooplankton Extension Study (CHAOZ-X) 2014	Berchok, Catherine L., Sigrid A. Salo, Sue E. Moore	1, 2, 3, 4, 5	R/V Aquila	2014-09-08 to 2014-10-20
Arctic Whale Ecology Study (ARCWEST) 2013	Berchok, Catherine L., Phyllis J. Stabeno, Jeffrey M. Napp, Sue E. Moore	1, 3, 5	R/V Aquila	2013-08-01 to 2013-09-30
ArcticNet 2014	Fortier, Louis, Martin Fortier, Keith Levesque	5	CCGS Amundsen	2014-09-09 to 2014-09-25
Bering Arctic Subarctic Integrated Survey (BASIS) 2014	Eisner, Lisa B., Ed Farley	1	Oscar Dyson	2014-09-21 to 2014-10-14
Bering Arctic Subarctic Integrated Survey (BASIS) 2014	Murphy, Jim, Ed Farley	2	Alaska Endeavor	2014-08-30 to 2014-09-12
Bering Strait Mooring Project - Arctic Observing Network (AON) 2013	Woodgate, Rebecca A.	3	Norseman II	2013-07-03 to 2013-07-10
Bering Strait Mooring Project - Arctic Observing Network (AON) 2014	Woodgate, Rebecca A.	3	Norseman II	2014-06-30 to 2014-07-07
Bering Strait Mooring Project - Arctic Observing Network (AON) 2015	Woodgate, Rebecca A.	3	Norseman II	2015-07-02 to 2015-07-08
Bowhead Whale Feeding Ecology Study (BOWFEST) 2010	Ashjian, Carin J.	5	Annika Marie	2010-08-23 to 2010-09-21

DBO Datasets at EOL Data Archive

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NEW! Provide Data Parameters

Long Term DBO Data Archive

Clear all selections

Filters: **Datasets**

Projects **Datasets**

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- ☐ Fairweather
- ☐ Healy
- ☐ Khromov
- ☐ Louis S. St-Laurent

Year -

Clear

- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013
- ☐ 2014
- ☐ 2015

Keywords -

Clear

- ☐ ADCP
- ☐ Benthos
- ☐ Chlorophyll
- ☐ CTD
- ☐ Epifauna
- ☐ Fish
- ☐ Macrofauna
- ☐ Marine Mammal Acoustics
- ☐ Marine Mammal Survey
- ☐ Marine Mammal Watch
- ☐ Mooring

DBO Datasets

Dataset Title	Author/Researcher	Transect	Vessel	Dates
Canada's Three Oceans (C3O) - DBO 2010	Vagle, Svein, Jacqueline M. Grebmeier	3, 5	CCGS Sir Wilfrid Laurier	2010-07-06 to 2010-07-22
CHAOZ 2010 Passive Acoustic Sonobuoy Data	Berchok, Catherine L., Phyllis J. Stabeno	5	Alaskan Enterprise	2010-08-25 to 2010-09-20
CHAOZ passive acoustic mooring CZ10_AU_A03 data	Berchok, Catherine L., Phyllis J. Stabeno	4	Alaskan Enterprise	2010-09-10 to 2011-06-27
CHAOZ passive acoustic mooring CZ10_AU_B03 data	Berchok, Catherine L., Phyllis J. Stabeno	4	Alaskan Explorer	2010-09-10 to 2011-06-21
CHAOZ passive acoustic mooring CZ10_AU_C02 data	Berchok, Catherine L., Phyllis J. Stabeno	4	Alaskan Enterprise	2010-09-10 to 2011-06-08
CHAOZ passive acoustic mooring CZ11_AU_A03 data	Berchok, Catherine L., Phyllis J. Stabeno	4	F/V Mystery Bay	2011-09-03 to 2012-09-07
CHAOZ passive acoustic mooring CZ11_AU_B03 data	Berchok, Catherine L., Phyllis J. Stabeno	4	F/V Mystery Bay	2011-08-29 to 2012-05-19
CHAOZ passive acoustic mooring CZ11_AU_C02 data	Berchok, Catherine L., Phyllis J. Stabeno	4	F/V Mystery Bay	2011-08-29 to 2012-05-14
DY14 CTD Profile Data	Farley, Edward V.	1	Oscar Dyson	2014-09-25 to 2014-09-26
HL12-01 Marine Mammal Watch	Moore, Sue E., Jacqueline M. Grebmeier	2, 3, 4, 5	USCGC Healy	2012-08-11 to 2012-08-24
HL12-01 Sediment parameters	Grebmeier, Jacqueline M., Lee W. Cooper	5	USCGC Healy	2012-08-12 to 2012-08-23
HL13-01 Marine Mammal Watch	Moore, Sue E., Jacqueline M. Grebmeier	2, 3, 4, 5	USCGC Healy	2013-07-29 to 2013-08-14
SWL10 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier	1, 2, 3, 5	CCGS Sir Wilfrid Laurier	2010-07-07 to 2010-07-21
SWL10 Sediment parameters	Grebmeier, Jacqueline M., Lee W. Cooper	1, 2, 3, 4	CCGS Sir Wilfrid Laurier	2010-07-16 to 2010-08-12
SWL11 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier	1, 2, 3, 5	CCGS Sir Wilfrid Laurier	2011-07-15 to 2011-07-21
SWL11 Marine Mammal Watch	Moore, Sue E., Jacqueline M. Grebmeier, Svein Vagle	1, 2, 3, 4, 5	CCGS Sir Wilfrid Laurier	2011-07-07 to 2011-07-20
SWL11 Sediment Parameters	Grebmeier, Jacqueline M., Lee W. Cooper	1, 2, 3, 4	CCGS Sir Wilfrid Laurier	2011-07-14 to 2011-07-20
SWL12 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier, Svein Vagle	1, 2, 3	CCGS Sir Wilfrid Laurier	2012-07-14 to 2012-07-18

List filtered to datasets with DBO 1 data

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Distributed Biological Observatory

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[NEW! Provide Data Parameters](#)

Long Term DBO Data Archive

Clear all selections

Filters: Datasets DBO Site 1

☐ Projects
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SWL10 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier	1, 2, 3, 5	CCGS Sir Wilfrid Laurier 	2010-07-07 to 2010-07-21
SWL10 Sediment parameters	Grebmeier, Jacqueline M., Lee W. Cooper	1, 2, 3, 4	CCGS Sir Wilfrid Laurier 	2010-07-16 to 2010-08-12
SWL11 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier	1, 2, 3, 5	CCGS Sir Wilfrid Laurier 	2011-07-15 to 2011-07-21
SWL11 Marine Mammal Watch	Moore, Sue E., Jacqueline M. Grebmeier, Svein Vagle	1, 2, 3, 4, 5	CCGS Sir Wilfrid Laurier 	2011-07-07 to 2011-07-20
SWL11 Sediment Parameters	Grebmeier, Jacqueline M., Lee W. Cooper	1, 2, 3, 4	CCGS Sir Wilfrid Laurier 	2011-07-14 to 2011-07-20
SWL12 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier, Svein Vagle	1, 2, 3	CCGS Sir Wilfrid Laurier 	2012-07-14 to 2012-07-18
SWL12 Sediment parameters	Grebmeier, Jacqueline M., Lee W. Cooper	1, 2, 3	CCGS Sir Wilfrid Laurier 	2012-07-14 to 2012-07-17
SWL13 Bottle data	Cooper, Lee W., Jacqueline M. Grebmeier, Karen E. Frey, Svein Vagle	1, 2, 3, 4, 5	CCGS Sir Wilfrid Laurier 	2013-07-14 to 2013-07-23
SWL13 Marine Mammal Watch	Moore, Sue E., Jacqueline M. Grebmeier, Svein Vagle	1, 2, 3, 4, 5	CCGS Sir Wilfrid Laurier 	2013-07-05 to 2013-07-24

Codiac Dataset: [Contact](#) | [Projects](#) | [ORDER](#)

SWL10 Bottle data



Summary

This dataset includes measurements of water samples collected at hydrographic stations from the annual Canadian Coast Guard Service Sir Wilfrid Laurier cruise during July 2010. The top row indicates the PI or organization responsible for the data collection. Data includes by column, Cruise, Cast No., DBO Line, DBO station name, Station Number (#), Historical station Name, Date and time (UTC) (yy/mm/dd), UTC time (hh:mm), LAT=Latitude (°N), and LONG=longitude (°W), water depth (m), Cast depth (m), Sample Number, Rosette Bottle #, bottle trip location, raw CTD data (pressure, temperature (°C), Salinity, dissolved oxygen from uncalibrated CTD sensor, Chlorophyll (chl) a filtering volume, extraction volume, ChlT=chlorophyll value, and UMCES nutrient values (Nitrite+Nitrate, Silicate, Phosphate, Ammonia), and Oxygen-18/16 ratios. Additional parameters in the columns from sensors and data descriptors are provided in this file and defined in the readme.

Data access

[ORDER](#) data for delivery by FTP

Additional information

Related projects: [DBO](#)

Observational frequency: criteria

Spatial type: point

Categories: [Arctic](#), [Oceanography](#)

Platforms: [Ship](#)

Documentation: [SWL10_Bottle_data_README_v1.pdf](#) [94 KB]

Identifier: doi:10.5065/D6JS9NHT (Link: <http://dx.doi.org/10.5065/D6JS9NHT>)

Temporal coverage

Begin datetime: 2010-07-07 00:00:00, End datetime: 2010-07-21 00:00:00

Spatial coverage

Click on dataset title for the dataset description page and to get the data.



Distributed Biological Observatory

An Arctic Data Archive Linking Physics & Biology

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Distributed Biological Observatory Data Policy

DBO DATA POLICY AND RELEASE GUIDELINES-Final Version (Feb. 20, 2015)

1. INTRODUCTION

The Distributed Biological Observatory (DBO) was established as an Arctic change detection array along a latitudinal gradient currently extending from the northern Bering Sea to the boundary between the Beaufort and Chukchi seas, near Point Barrow, Alaska. The current DBO regions may be modified or expanded as DBO objectives and requirements change. An international team of scientists and facilities are contributing to this unprecedented set of observations to be made for a decade or more. DBO sampling is focused on transects that cross areas of high productivity, biodiversity and rates of biological change. The Marine Working Group of the International Arctic Science Committee (IASC) has endorsed the DBO concept.

2. DEFINITION OF THE DBO DATA ARCHIVE

The "DBO distributed data archive" is defined as a set of distributed international data centers (e.g. Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Korea Polar Research Institute (KOPRI), NCAR Earth Observing Laboratory (EOL)) with a commitment to long-term data stewardship practices (e.g. discovery and access), bringing together data from DBO sampling efforts and demonstrating the value added results from this sampling and coordinated shared-data approach to the investigation of biological responses in a rapidly changing Arctic marine ecosystem. The DBO EOL data archive (<http://dbo.eol.ucar.edu>) is the designated site for submission of metadata that meet the standard DBO metadata profile (hereafter referred to as the metadata profile) as shown in template form in Appendix A. This template may be linked from other sites that are supporting the DBO effort (e.g., the Alaska Ocean Observing System (AOOS) DBO workspace). The DBO can serve as a framework for international research coordination, specifically as being part of the Arctic Council Circumpolar Biodiversity Monitoring Program (CBMP) and is a recognized task of the pan-Arctic Sustaining Arctic Observing Networks (SAON) program, facilitated by the Arctic Council.

There is interest in making DBO data (defined and listed in Appendix B) available to researchers in a timely manner for analysis, and for the larger community once data are finalized. The principal steps in the flow of data from the researcher's lab to the DBO data archive have been organized into a process that encompasses: (1) the required completion of a standard DBO metadata profile to the DBO EOL archive, (2) the encouraged sharing of data among DBO members in a common, password-protected work space in the short-term (AOOS DBO workspace), and (3) the final submission of data to a national data archive. The DBO data flow requirement for a standard DBO metadata profile submission will be met by use of an interactive form on the DBO EOL website (supported by US National Science Foundation) that has been developed to ensure consistency of information cataloging data collections annually within the DBO data network.

The data centers that make up the "DBO distributed archive" will coordinate their data management activities including developing consistent metadata generation, curation, and

The DBO Data Policy

The EOL DBO metadata profile

	Metadata Field Name	Definition
General	title	A name given to the data set.
	dataset author(s)	The person(s) receiving credit for the data set, as in a citation (usually the PI).
	description	A summary of data set content
	language	Language of the data set (e.g. English, Japanese, Korean)
Dataset Details	cruise number	Cruise ID or Number
	funding agency	The Agency providing funding (e.g. JAMSTEC, NSF, NOAA)
	grant or award number	Agency assigned Grant or Award number
	temporal coverage start	Begin date of full data set
	temporal coverage end	End date of full data set
	temporal resolution	The sampling or reporting frequency of an instrument or platform
	northernmost latitude	Northern extent of data collection in decimal degrees
	southernmost latitude	Southern extent of data collection in decimal degrees
	westernmost longitude	Western extent of data collection in decimal degrees
DBO Specific	easternmost longitude	Eastern extent of data collection in decimal degrees
	regions occupied annually	Transect and station ID
	DBO line occupation start	Begin date of DBO transect data collection
	DBO line occupation end	End date of DBO transect data collection
	transect	DBO line
	station	Transect Station ID or Name
Contact Info	DBO keyword	Category of sampling scheme producing data (e.g. benthos, CTD, mooring)
	point of contact	Person who is responsible for the content of the metadata and data.
	principal investigator	The PI responsible for leading the project
	publisher	The Institution where the data resides and responsible for distributing the data set (e.g. JAMSTEC, UCAR/NCAR,
Data Details	platform	The vessel or vehicle from which instruments are deployed
	instrument	The name of the instrument used to acquire the data
	science keywords	GCMD Science Keywords
	data version	Version number of the data set available
	dataset last revision date	Date the data set was last revised
	distribution format	Distributed file format of the data set (e.g. excel, ascii, multiple)
	data set progress	Amount of progress through to data publication (i.e. planned, in work, complete)
	access restriction	Password protection required
Citation	DOI	A digital object identifier (DOI) is a unique alphanumeric string. A DOI is created when a data set is published and made available electronically.

The MetaArch online metadata form
email metaarch@ucar.edu to request a login

UCAR ▾ NCAR ▾

Find People ▾

Contact/Visit ▾

NCAR
UCAR



MetaArch

Metadata Archival Tool

My Profile

 Create a Data Set

Logout

Welcome back, **DBO User!**

Welcome to the Metadata Submission Tool

Principal Investigators and other researchers associated with a project can login and submit metadata for data sets. Click on a project name to see additional details for the project.

List of Recent Projects

DBO

Distributed Biological Observatory
NSF 1204082, 1203906, 1204044
1 Data Sets

The "Distributed Biological Observatory (DBO)" is envisioned as a change detection array along a latitudinal gradient extending from the northern Bering Sea to the Barrow Arc. DBO sampling is focused on transects centered on locations of high productivity, biodiversity and rates of biological change. The U.S. Interagency Arctic Research Policy Committee (IARPC), comprised of representatives from 13 Federal agencies, developed a five year plan (2013-2017) focused on seven research themes, with further development of the DBO included under the first theme: Sea ice and Marine Ecosystems. The DBO IT is now focused on bringing together data from 2010-2013 sampling efforts, to demonstrate the value-added of this national and international, sampling shared-data approach to the investigation of biological responses to a rapidly changing Arctic marine ecosystem.


List of Most Recent Data Sets

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COMPUTING, DATA
AND SOFTWARE FACILITY

The MetaArch form for data submission to the EOL DBO Data Archive

NCAR
UCAR

MetaArch
Metadata Archival Tool

[Home](#) [My Data Sets](#) [Choose a Different Project](#) [Logout](#) Welcome back, **Don Stott!**

Create Data Set for DBO

Title *

Summary

Dataset Version *

0

Progress *

complete

Point of Contact *

okkonen (Stephen R. Okkonen)

Temporal Coverage

Begin Date

8 March 2016 02 : 48

End Date

8 March 2016 02 : 48

Time Zone

☒ UTC ☐ Local Time

Spatial Coverage

Minimum (South) Latitude

-90

Maximum (North) Latitude

90

Minimum (West) Longitude

-180

Maximum (East) Longitude

180

Funding Information

Funding Agency *

NSF

Award Number

Categorization & Instrumentation

Categories

ACCESS-R Forecast Products

Advisory Products

Aerosol

Air Quality

Air Quality Products

Airborne Radar Products

Aircraft

Platforms

10m SHEBA met tower.

2 Radar Mosaic

20m SHEBA Flux tower

449 MHz Profiler

50 Mhz Profiler

8-Stage Rotating Drum Impactor

Data Submission Procedures

The NCAR/Earth Observing Laboratory is prepared to accept your data sets and documentation for the Distributed Biological Observatory project.

Data Submission Instructions

Data sets can be submitted using the MetaArch submission tool. To access the MetaArch submission tool, [click here](#).

If you are uncertain as to your login information for MetaArch or if you do not have a login, please contact us at metaarch@eol.ucar.edu.

A data set is a collection of related data and documentation files. For example, underway seawater sampling data collected aboard a cruise as compiled into one or more data files with the appropriate documentation would be considered a data set.

To submit a data set to the archive, fill out the "Create a Data Set" form for the DBO project. To log into MetaArch and immediately begin filling out this form, [click here](#).

Once your data set has been created, you can add files to the data set file list by clicking on the "Upload Files" link at the bottom of the data set display page, as shown below:

The screenshot displays the MetaArch submission tool interface. The main page shows details for 'Another test dataset', including contact information, summary, version, and additional information like project, frequency, and spatial type. A green arrow labeled 'Navigates To' points from the 'Upload Files' link at the bottom of the main page to the 'Upload Files' modal. The modal shows a 'Data Set File List' with two files: 'Doc File: README.txt' and 'Data File: CFL_data_submission.xls'. A 'Save Changes' button is highlighted in the modal. Below the modal, a box titled 'Data / Documentation Files & Links' shows the uploaded files and their details.

Another test dataset

Point of Contact: [Foo Test Bar](#) Funded by: NASA 89956

Summary
Yet another test dataset - YATD

Dataset Version 1

Additional Information

Project [Sandbox](#)

Observational Frequency unknown

Spatial Type unknown

Categories Ancillary info

Platforms Wind Profiler, NOAA

Science Keyword [Atmosphere > Aerosols > Aerosol Particles](#)

Platform Keyword [Automatic remote weather station](#)

Temporal Coverage

Begin Date 2013-02-05 23:02:00 UTC

Spatial Coverage

Minimum (South) Latitude 45

Maximum (North) Latitude 50

Minimum (West) Longitude -100

Maximum (East) Longitude -130

Status, Restrictions, etc.

Progress complete

Access Restrictions No restrictions

Language English

Comments NOTE: The date range for this dataset is in System/YST9 time.

Metadata Version 0.1

Data / Documentation Files & Links

[Upload Files](#) [Edit Links](#)

[Edit](#) [Delete](#)

Another test dataset- Upload Files

Data Set File List Total # Files: 0

New File:
Doc File: TXT [Choose File](#) README.txt

New File:
Data File: XLS [Choose File](#) CFL_data_submission.xls

[Add File](#) [Remove empty/unused File\(s\)](#)

[Save Changes](#) [Go Back](#)

Data / Documentation Files & Links

[Upload Files](#) [Edit Links](#)

Data / Documentation Files

- Doc File: README.txt ([TXT], 1 kB)
- Data File: CFL_data_submission.xls ([XLS], 168 kB)

[Edit Additional Metadata](#)

Link to the Metafile form

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Clear all selections

Filters: **Datasets** DBO Site 1

☐ Projects ☒ **Datasets**

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DBO Datasets

Dataset Title	Author/Researcher	Transect	Vessel	Dates
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DBO Metadata and Data

EOL DBO Metafile Form

Distributed Biological Observatory

An Arctic Data Archive Linking Physics & Biology



June 1, 2010

Project Description:

The **Distributed Biological Observatory (DBO)** is an international effort spanning seven countries, including Canada, China, Japan, the Republic of Korea, Russia, Sweden, the United States, and many agencies within those countries. Sampling for the DBO is focused on transects centered on locations of high productivity, biodiversity and rates of biological change. The DBO is now focused on bringing together data from 2010-2014 sampling efforts.

Those looking to access DBO data should follow the link in the top right menu.

Principal Investigators of the DBO and Pacific Arctic Group (PAG) are asked to submit parameter information for data collected in the DBO regions using the form below. Click here for the [Mobile version](#), and here for [Instructions](#) for this form.



PARAMETERS FOR DBO STATIONS AND BOUNDING BOXES

Choose the type of data, the DBO line or bounding box, and the parameters collected.

1 Contact and cruise information

Name of Principal Investigator *

Affiliation *

Completed metafile will be sent to primary and cc email addresses.

cc on email

Mode of collection *

Collection Date Range (begin)

This is an updated version for these data.

☐ Yes ☒ No

Select "Yes" if you are updating a previous submission.

Collection Date Range (end)

Name of project for these data

URL to project web site

Please provide link to project's home page

URL to dataset if not at EOL DBO Data Archive

If not submitting data to the EOL DBO Data Archive, and dataset is presently online, please provide link to the dataset.

Maps of DBO Stations and Bounding Boxes for reference:

[Regions 1-5](#)
[Regions 6-8](#)

Comments

DATA ACCESS

Data Access

DATA DOCUMENTATION

About
How to Submit Data
Data Policy
Map of DBO Regions 1-5
Map of DBO Regions 6-8
Map of DBO Bounding Boxes
DBO Bounding Boxes
Coordinates
DBO Station Listing 1-8
Instructions for the DBO parameters form
DBO Generic Metafile Template

PUBLICATIONS

DBO Publications

RELATED LINKS

ACADIS Gateway
RUSALCA
IASOA
NOAA DBO Web Site
WHOI DBO Cruise Database
NASA Satellite Visualization Data

DBO REGION IDENTIFICATION

- 1 N Bering Sea- South St. Lawrence Is.
- 2 N Bering Sea-Chirikov Basin
- 3 SE Chukchi Sea
- 4 NE Chukchi Sea
- 5 Barrow Canyon
- 6 Beaufort Sea-152W
- 7 Beaufort Sea-143W
- 8 Beaufort Sea-Bathurst Polynya

EOL DBO Project page
with Metafile form

From: jgrebmei@umces.edu no-reply@cognitoforms.com
Subject: Jacqueline Grebmeier supplied DBO Transects DBO parameter information.
Date: August 6, 2015 at 1:10 AM
To: stott@ucar.edu, jgrebmei@umces.edu

NCAR

Parameters for DBO Stations and Bounding Boxes

A form was filled out by Jacqueline Grebmeier of Chesapeake Biological Laboratory (CBL), University of Maryland Center for Environmental Science (UMCES), Solomons, MD 20688 USA and submitted with DBO data collection information for DBO Transects parameters.

Entry Details

[View full entry at CognitoForms.com.](#)

NAME OF PRINCIPAL INVESTIGATOR	Jacqueline Grebmeier
AFFILIATION	Chesapeake Biological Laboratory (CBL), University of Maryland Center for Environmental Science (UMCES), Solomons, MD 20688 USA
EMAIL	jgrebmei@umces.edu
CO-PI	Lee Cooper
CO-PI AFFILIATION	Chesapeake Biological Laboratory (CBL), University of Maryland Center for Environmental Science (UMCES), Solomons, MD 20688 USA
CO-PI EMAIL	cooper@umces.edu
2ND CO-PI	Karen Frey
2ND CO-PI AFFILIATION	Clark University, Worcester, MA, USA
2ND CO-PI EMAIL	KFrey@clarku.edu

Email confirmation of Metafile submission

- copy to submitter
- copies to Co_PIs
- copy to Jackie
- copy to EOL

DBO Data Management

A broad perspective

- ⊗ Strong international collaboration in a data policy for sharing and access
- ⊗ International collaboration in data collection in 8 sampling transects
- ⊗ Metadata profile standard to facilitate exchange and synthesis activities
- ⊗ International distributed archive centers rely on the metadata for exchange and access

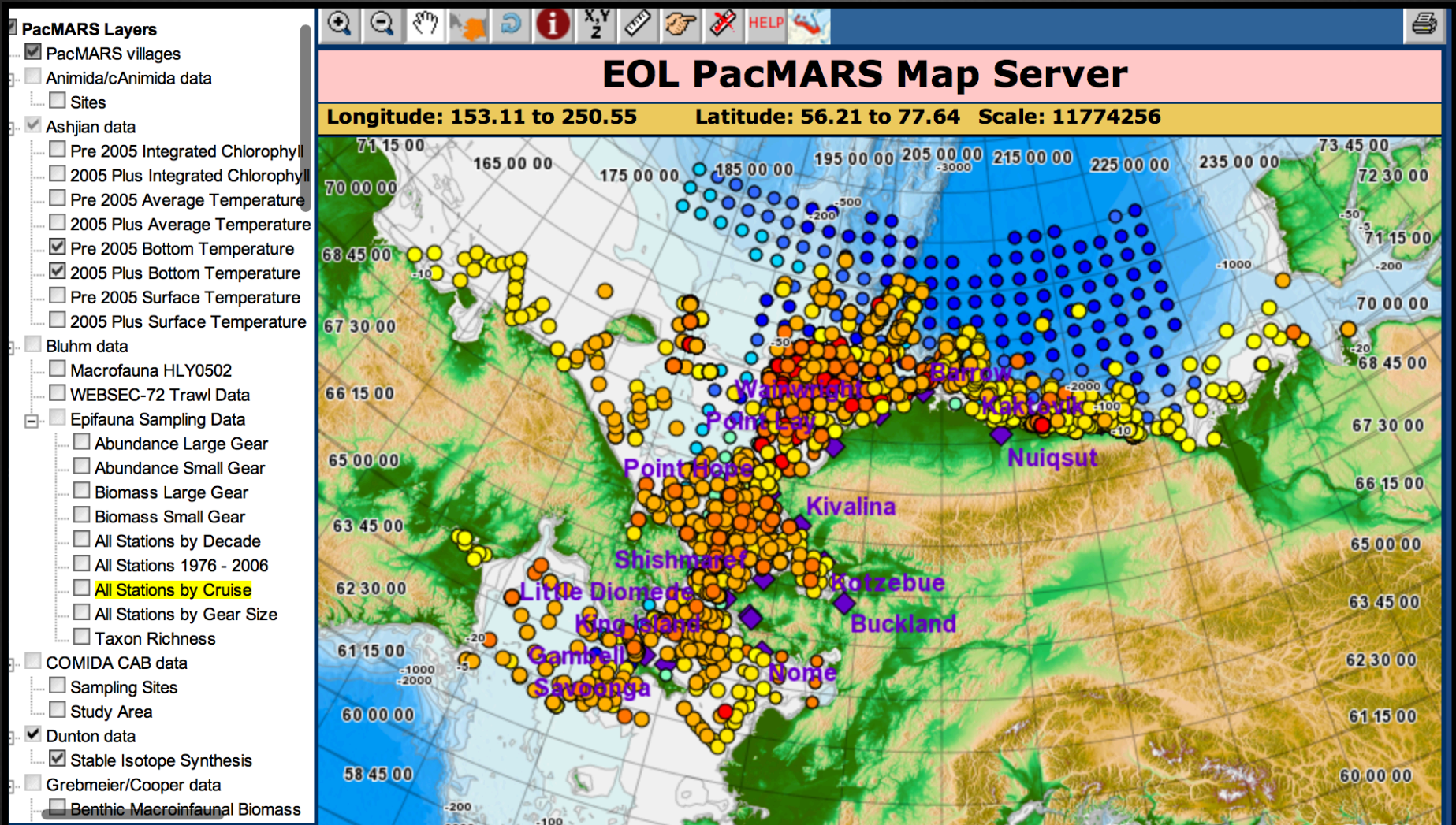
Future Considerations

- ⦿ DBO data legacy discoverable and accessible by the community
- ⦿ Development of some specialized products to facilitate synthesis activities, A DBO GIS Tool for visualization and integration
- ⦿ Series of GIS kml layers to draw synthesis information out of diverse datasets
- ⦿ Proposal to take data from the DBO archive for a single transect (maybe #3) and develop a prototype GIS product summary

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Various data types such as chlorophyll, primary production, hydrography, currents, and winds were mapped into multiple GIS layers



Each site on the map can be expanded to display the data recorded at a specific observation site

