

# Distributed Biological Observatory (DBO)

*Linking Physics & Biology in the Arctic*

## The Distributed Biological Observatory (DBO): A Change Detection Array in the Pacific Arctic Region

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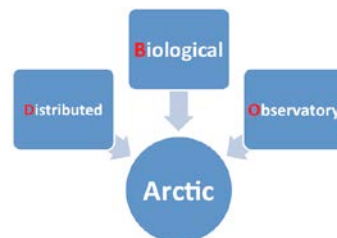
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DBO Data Meeting

February 27–March 1, 2013

NOAA/PMEL, 7600 Sand Point Way NE, Bldg. 3

Seattle, Washington, USA



# Four Objectives for the DBO Data Meeting

- Present results from the 2010-2012 pilot study and determine a basis for multidisciplinary paper(s) to showcase the DBO international effort;
- Archive metadata, either with a link to data set in a national archive or by submitting the DBO data to common data archive;
- Discuss DBO site criteria and identify NE Chukchi Sea DBO4 line and other DBO lines, and
- Determine how to plan for full implementation for the DBO.

## **Thursday-28 February**

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- 0800 Meet in hotel lobby, van to PMEL
- 0830 Highlights of Day 1 and outline Day 2 activities
- 0845 Presentations by Karen Frey, Amy Holman (NOAA), Molly McCammon (AOOS), Dan Holiday (BOEM); comments Kathy Crane (NOAA), Erica Key (NSF)
- 0900 Summary of DBO Questionnaire Results, EOL Mapserver, data policy and use issues: Steve Williams
- 1000 Coffee break
- 1020 Breakout into two groups: physical/hydrography (leads: Pickart/Cooper) and biology (leads: Grebmeier/Moore) for discussion of available data sets for physical/chemical data and biological data, with specific questions related to data collection, needs, standardization data collection, gaps, etc.
- 1215 Lunch in PMEL cafeteria
- 1345 Meet as full group for discussion of breakout group activities - summary presentations and discussions
- 1430 Second breakout wave (cross-fertilization) to begin data exchange discussion, metadata and data submissions, publication plans
- 1530 Break
- 1550 Return to plenary session, summary presentations and discussions, possible high-level publication?
- 1700 Summary of day's activities and plans for Day 3
- 1700 End Day 2 and shuttle to hotel
- 1730 Dinner on your own

# Thursday Afternoon (early)

Purpose: to discuss available data sets for physical/chemical data and biological data, with specific evaluation of current data type, needs, gaps, standardization of data collections, network needs

## Breakout groups (1.5 hrs):

- Physical/hydrography (leads: Bob Pickart/Lee Cooper; Lisa Guy)
- Biology (leads: Jackie Grebmeier/Sue Moore; Eva Baily)-
- Lunch 1215-1345
- 1345: Return to plenary for summary presentations of breakout results and discussion
- 1430: Second breakout wave (cross-fertilization) to discuss data exchange, metadata and data submissions, publication plans, issues and concerns

## **Thursday Afternoon (late)**

Purpose: to discuss available data sets for physical/chemical data and biological data, with specific evaluation of current data type, needs, gaps, standardization of data collections, network needs

- 1530 Break
- 1550 Return to plenary: summary presentations and discussion
- 1700 End of day
- 1715 Van back to hotel, free evening

## Friday-1 March

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- 0800 Meet in hotel lobby, van to PMEL
- 0830 Highlights of Day 2 and objectives for morning session
- 0845 Discussion of criteria for DBO sites, location for DBO 4 in northern Chukchi Sea, and location of other DBO international lines
- 1000 Coffee break
- 1020 Plans for future DBO activities (5-10 min)
- US IARPC DBO Interagency Team milestones-Sue Moore
  - US Industry activities
  - Japan, Canada, Korea, other foreign activities
  - Others?
- 1200 Lunch in PMEL cafeteria
- 1330 DBO data issues, central data link at EOL and links to international data portals for direct access for DBO data products (Steve Williams, others)
- 1500 Break
- 1520 Open discussion of workshop action items, plans for publications, field plan, future activities
- 1700 Close of workshop and shuttle to hotel
- 1830 Meeting reception at local restaurant, then dinner as group or on own (TBD)