

DISTRIBUTED BIOLOGICAL OBSERVATORY (DBO) TIMELINE

2009 – Biology-Sea Ice Workshop, leads to development of Pilot DBO plan

2010-2014 – Pilot Phase, DBO sampling coordinated by the Pacific Arctic Group

* **2012** – NSF Arctic Observing Network (AON) program provides 5-years of support for sampling initial 5 DBO regions

* **2012** – IARPC, 5-year plan = 12 Teams; 7 themes; DBO Collaboration Team focused on *Sea Ice and Marine Ecosystems* theme

2012-2015 – IARPC DBO CT completes 9 of 10 Milestones; remaining milestone = *establish guidelines for the periodic assessment of the physical and ecological state of the Pacific Arctic marine environment*

2015-2024 – Implementation Phase: expansion to 8 DBO sampling regions (5 Chukchi + 3 Beaufort); formalize DBO ‘annual cycle’; build connections with existing Community-based Observation programs; outline steps towards a decadal Pacific Arctic Regional Marine Assessment (PARMA)

<http://www.arctic.noaa.gov/dbo/>

DISTRIBUTED BIOLOGICAL OBSERVATORY

COLLABORATION TEAM (CT)

DBO CT: one of 12 teams of the U.S. Interagency Arctic Research Policy Committee (IARPC)

PURPOSE: Support the development of the DBO, designed to detect biological responses to physical drivers in the Pacific Arctic marine ecosystem

PARTICIPANTS: Program managers from U.S. federal agencies, academics, state, and local governments

FORMAT: Monthly/bimonthly teleconferences reporting on milestone status and featuring CT and outside speakers on topics related to the development of the DBO

<http://www.iarpcollaborations.org/teams/Distributed-Biological-Observatory>

IARPC

Federal only

Principals and staff represent 14 agencies

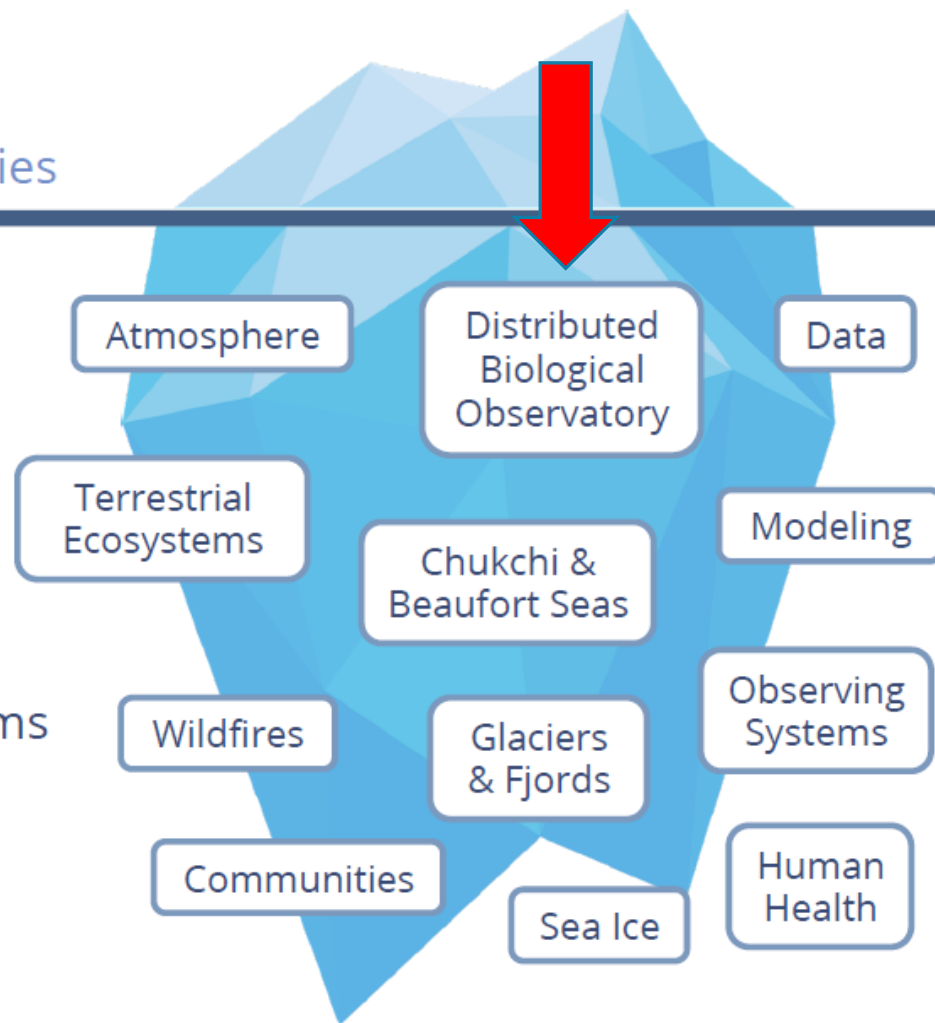
IARPC

COLLABORATIONS

Federal & non-federal

12 thematic research collaboration teams with hundreds of outside partners

The IARPC Collaborations website is the primary tool for team communication and collaboration



www.iarpccollaborations.org

DBO Interagency Partners

DBO

NSF
AON
EOL

NOAA
OAR
NMFS
NOS

AOOS
DBO Workspace
IOOS & GOOS

BOEM
Ecosystem Studies
Alaska Region
NOPP

NASA
Cryosphere
Research Portal

Clark U., FIT, ODU, OSU, Stanford, UAF, UCAR, UMCES, URI, UT, UW, WHOI

Academic Partners

DBO IMPLEMENTATION PLAN

ANNUAL CYCLE

