



2nd Distributed Biological Observatory Data Workshop

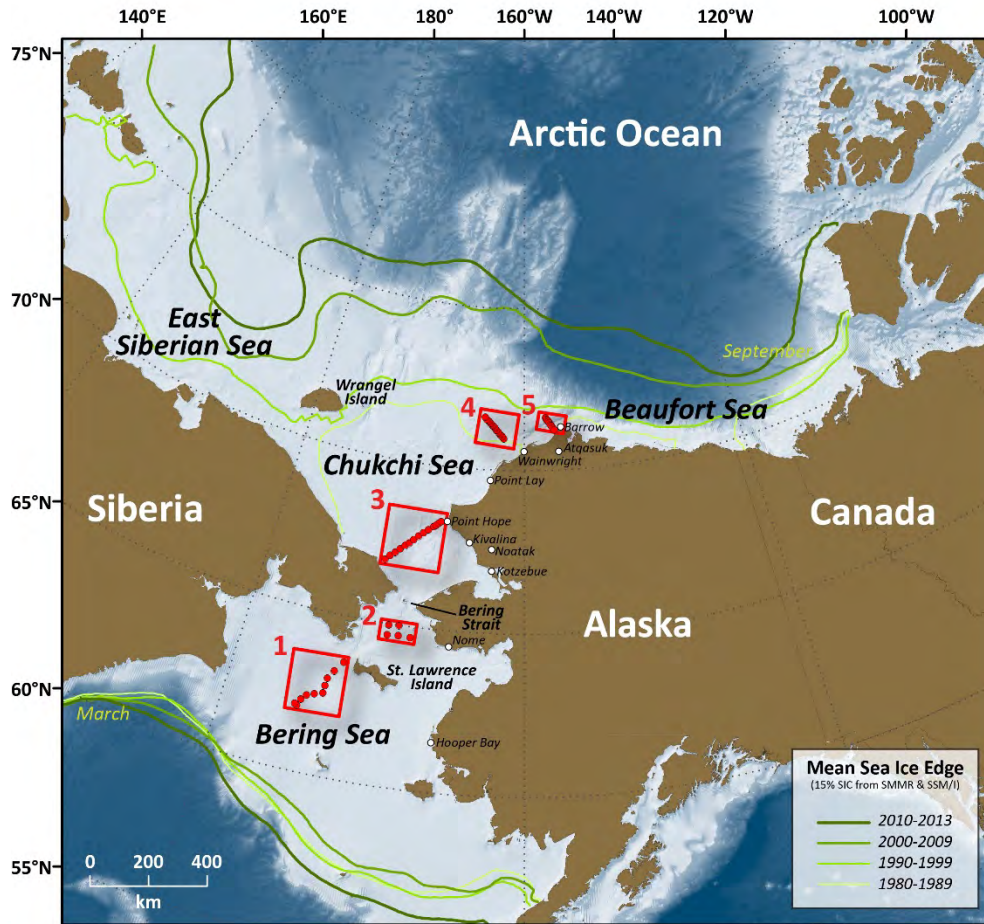
***Welcome* and IARPC Overview**

Sue E. Moore
NMFS Office of Science & Technology

29 October 2014



Distributed Biological Observatory (DBO), since 2010



- DBO regions are centered on biological **“hotspots”** along a latitudinal gradient
- **Hotspots** exhibit high productivity, biodiversity, and rates of change
- The DBO serve as a X-Latitude **change detection array**
- Pilot study (2010-14)
- DBO 2nd Data Workshop- **Today!**

[Map courtesy Karen Frey]





What is the IARPC?

- U.S. Interagency Arctic Research Policy Committee
- Formed to enact the Arctic Research Plan (FY2013-2015), issued by the Executive Office
- DBO Collaboration Team (CT) has met via monthly teleconference December 2012
- DBO CT works to complete 10 Milestones; 3 of which will be guided by the outcome of this workshop



IARPC Collaboration Teams

12 Teams; 16 agencies



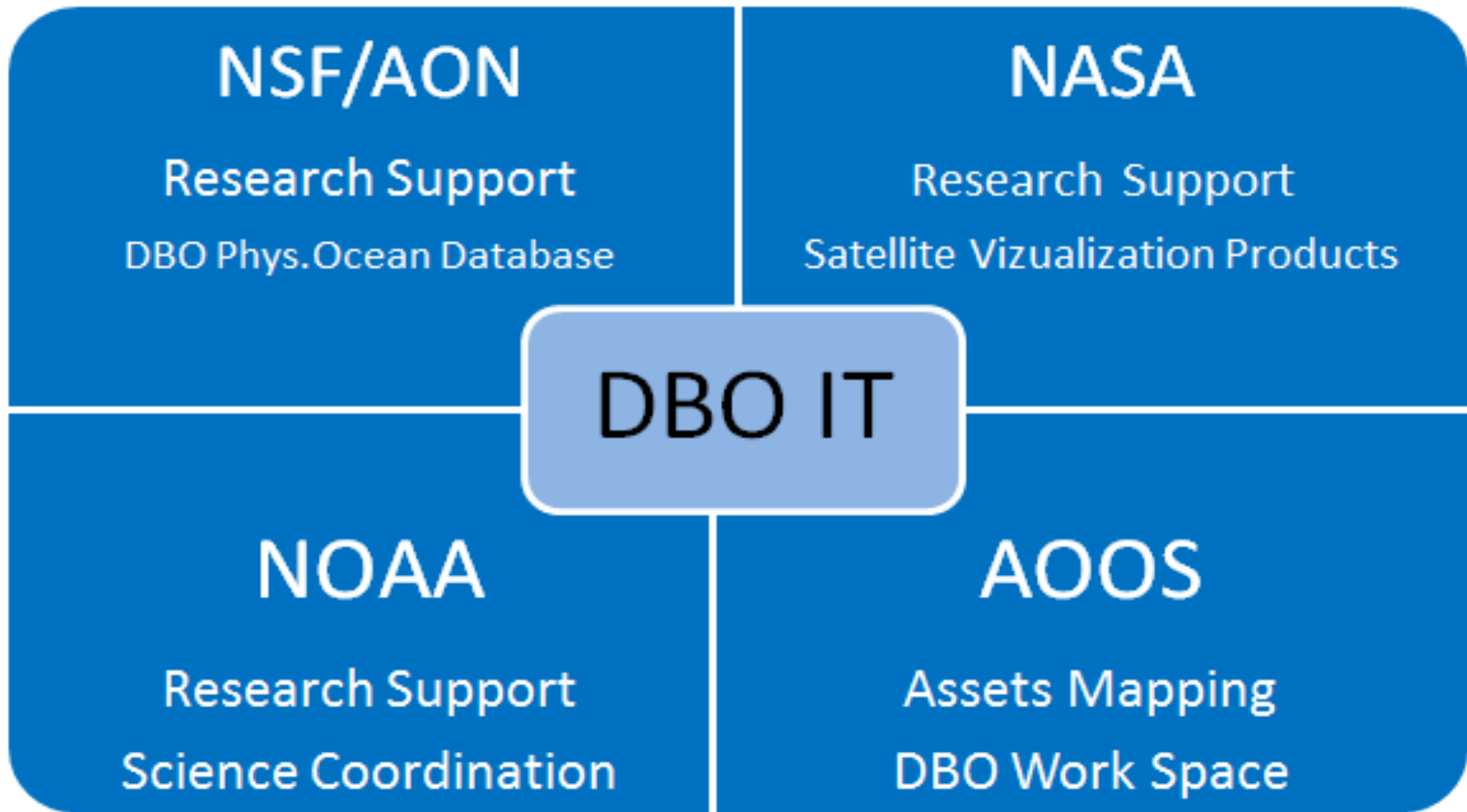
Collaboration Team	Participating U.S. Federal Agencies																Non Federal Partners
	DHS	DOC	DOD	DOE	DOI	DOS	DOT	EPA	HHS	MMC	NASA	NSF	OSTP	SI	USARC	USDA	
Arctic Communities		2	1		8	3			1		2	6	1	5			19
Arctic Data		8	4	1	20			1			5	2	1		2	2	3
Arctic Observing Systems	1	4	3	2	16						1	3	1		1		24
Atmosphere		7	1	3			1	1			6	2	1				3
Chukchi & Beaufort Seas		15	4	1	11					1	3	2	1		2		9
Distributed Biological Observatory		8	2		4					2	4	2	1		2		12
Glaciers & Fjords		2	1	3	1						2	5	1				2
Human Health		1	1		2			1	5		3	3	1		1		6
Modeling		6	2	5	7		1				5	3	1			2	2
Sea Ice	1	14	10	2	3						3	3	1				13
Terrestrial Ecosystems		1	1	2	10						4	2	1				9
Wildfires		1	1	1	9						3	1	1			1	3

Participants

Lead Agency



DBO Collaboration Team Inter-agency Contributions



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



DBO CT Milestones: 'the Workshop-3'



3.1.3.g Updated DBO concept and national/international plan for decadal-scale implementation; to include identification of satellite resources that will be critical to the DBO

3.1.3.j Ensure DBO data access and archiving are coordinated across agencies and among international partners

3.1.3.h Starting in 2015, DBO partners execute decadal-scale plans and prepare periodic assessments on physical and ecological state of the Pacific Arctic marine environment, using not only DBO data, but also from BOEM, NPRB and other sources