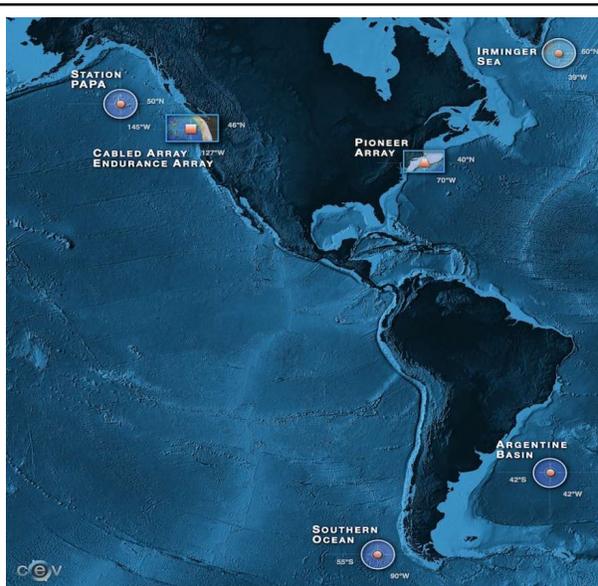
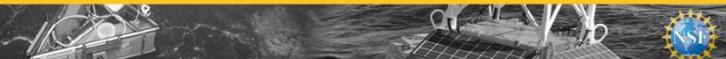


## OOI 2.0

- Started year 2 on 1 October
- 5 interdisciplinary marine arrays at 3 scales:
  - Regional Cabled
  - Coastal Endurance & Pioneer
  - Global Irminger & Papa
  - Data Only: Global Argentine & Southern Ocean (suspended 2017 & 2020)
- Cyberinfrastructure & Data Delivery
- Numbers:
  - ~75 platforms
  - ~770 science instruments
  - ~11 TB data delivered last quarter
  - \$44m annual budget



1



## OOI Program Year I : Marine Operations (10/1/18 – 9/30/19)

- **Eight major deployment & recovery cruises**
  - One each at Cabled, Irminger, Papa, & Southern Ocean
  - Two + each at Endurance & Pioneer
  - Total ~145 ship days
  - ~17 non-OOI science programs supported
- **System performance:**
  - ~83% successful instruments vs planned for fixed assets



2

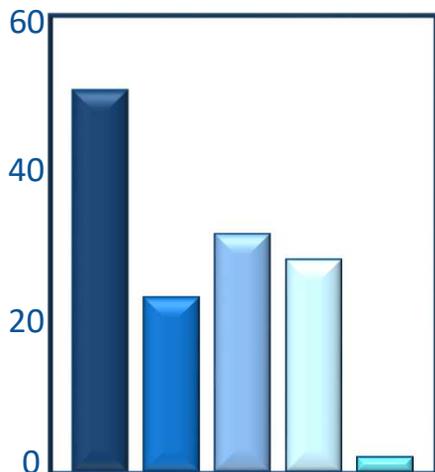


## Science Impact Metrics: Numbers

Array	OOI-related Journal Pubs		Journal Pubs Using OOI Data		NSF Awards Using OOI Data or Infrastructure
	pubs	WOS citations	pubs	WOS citations	
Regional Cabled	39	438	26	296	34
Coastal Endurance	12	49	6	25	2
Coastal Pioneer	19	135	8	87	13
Global Irminger	12	176	10	149	11
Global Papa	2	8	1	0	1
Cyberinfrastructure	14	88	2	3	2
Global Argentine (susp 2017)	5	27	2	14	1
Global Southern (susp 2020)	9	21	3	2	5
Totals	112	942	58	576	69
Notes		H index = 17		H index = 13	Total \$47.8m



## Regional Cabled Array Funded Community 2016-2019

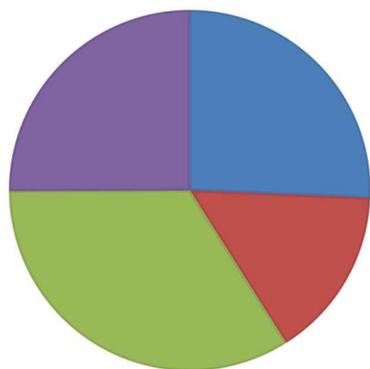


- 50 Awards-Subawards since 2016
- 23 PI's
- 31 Co PI's
- 28 Institutions (including JPL and UNAVCO)
- 2 Industry Awards

Regional Cabled Array External Awards (2016-2019):  
 >\$26M (not including ship-ROV funding)



## Regional Cabled Array Instrument Awards By Source



*A diverse funding portfolio*

-  National Science Foundation
-  International
-  NASA
-  Office of Navy Research



## OOI Cruise-Related Outreach & Education Activities

- CGSN Cruise participants include:
  - Researchers: CTDs, underway sampling, platform deploy/recover
  - Other: Grad students, Teachers, outreach
- Endurance - Participation in the UNOLS cruise volunteer program:
  - Criteria: interest in data types provided by OOI, residence at non-UNOLS vessel operating institution, diversity
  - One grad student on spring 2019 cruise, expanded to two students on Fall 2019. Expect two students per cruise going forward.
- RCA-OOI-UW - VISIONS at-sea experiential learning program: In PY1, 4 VISIONS students worked with RCA team all year and participated on the cruise



6





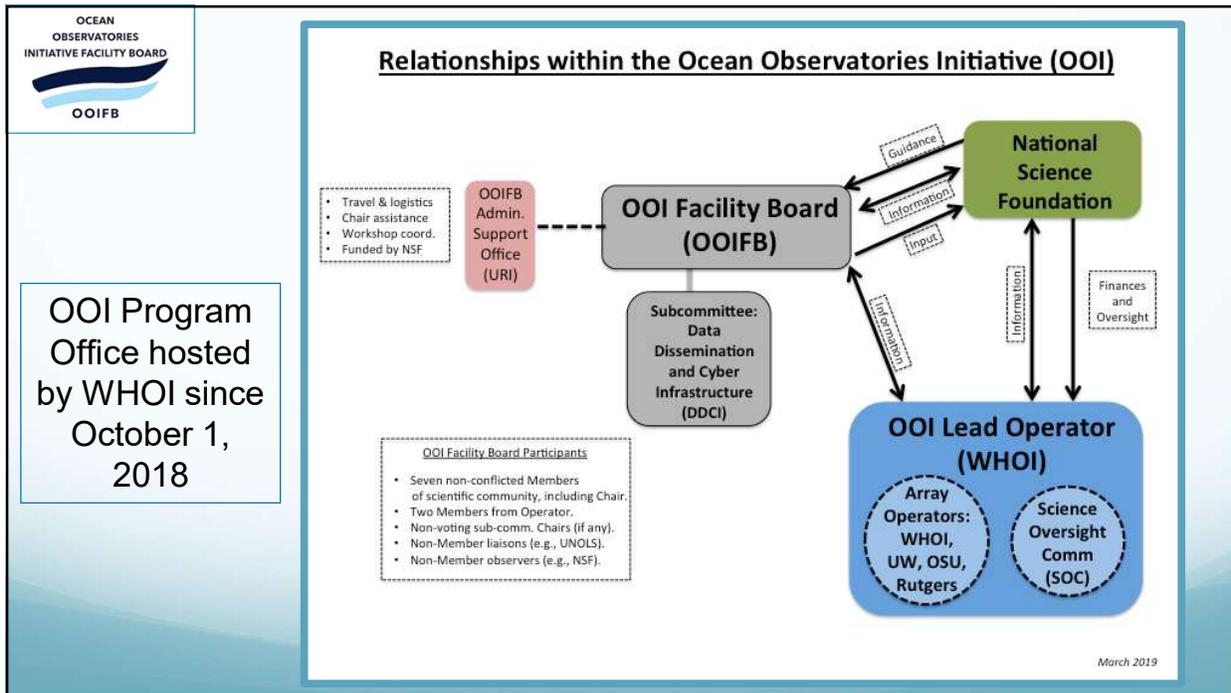
# Ocean Observatories Initiative Facility Board (OOIFB) Report

UNOLS Annual Meeting  
Alexandria, VA  
November 21-22, 2019



## About OOIFB

- NSF formed the OOIFB in 2017
- OOIFB Membership:
  - Kendra Daly (Chair), University of South Florida
  - Larry Atkinson (Past Chair), Old Dominion University
  - Tim Crone (DDCI Chair), Lamont-Doherty Earth Observatory
  - Sarah Gille, Scripps Institution of Oceanography
  - Brian Glazer, University of Hawaii
  - Ruoying He, North Carolina State University
  - Deborah Kelley, University of Washington (OOI appointee)
  - James O'Donnell, University of Connecticut
  - Edward Dever, Oregon State University (OOI appointee)
- OOIFB Administrative Support Office located at URI



**OCEAN OBSERVATORIES INITIATIVE FACILITY BOARD**  
OOIFB

## OOIFB Activities in 2019

- **Meetings:**
  - May 21-23, 2019 - OOIFB and DDCI Meeting at Woods Hole Oceanographic Institution
  - Nov 12-13, 2019 - OOIFB and DDCI Meeting at NSF
- **OOIFB Major Activities:**
  - Provide feedback to NSF regarding the OOI 2.0 Annual Work Plan for Program Year 2.
  - Review and provide feedback on the DDCI Committee's report to NSF (report to be submitted in Dec 2019)
  - Hold an OOIFB Town Hall at the 2019 Fall AGU Meeting
  - Monthly OOIFB Web Conferences



## Data Dissemination and Cyber Infrastructure (DDCI) Committee

- Formed in Sept 2018 as an OOIFB Standing Committee “to help ensure timely and reliable access to high-quality OOI data.”
- The DDCI Committee is tasked to provide a report which evaluates OOI Data Delivery.
- Major activities of the DDCI are summarized below:
  - December 10, 2018 – [OOIFB Townhall at the 2018 Fall AGU Meeting](#) – DDCI members introduce SliDo poll.
  - Dec 2018 – DDCI SWOT session
  - March 29 – April 26, 2019:
    - ◆ DDCI community survey on OOI Data Delivery.
    - ◆ 127 responses were received.
  - Bi-weekly DDCI web conferences
- The DDCI report will be delivered to NSF (via OOIFB) in December 2019.



## OOIFB Town Hall at the 2019 Fall AGU Meeting

- When: Monday, December 9th, 6:15-7:15 pm
- Where:
  - ◆ Moscone West, Room 2007, L2
  - ◆ San Francisco, CA
- Give a Lightning Talks
  - ◆ [Sign up by December 1.](#)





## OOIFB Plans for 2020

- OOIFB Town Hall at 2020 Ocean Sciences Meeting:
  - Date and Time: Thursday, 20 February 2020, 12:45 - 13:45
  - Location: SDCC, 3, UL
- Draft an OOI document: *OOI Opportunities and Exciting Science using OOI data.*
- Organize a Community Workshop focused on science opportunities using the North East Pacific OOI Arrays.



*Thank you!*