



University-National Oceanographic Laboratory System ~UNOLS~

UNOLS RVTEC Meeting October 15, 2018





UNOLS Report to RVTEC

- UNOLS Office Transition
- UNOLS Goals
- Civility at Sea – *Will be covered by Brandi Murphy*
- Outreach and Early Career Activities
- Post Cruise Assessment Reports
- Upcoming Workshops



UNOLS Office Recompetition

2018	
March 16	Proposals due (to UNOLS Chair or UNOLS Office)
April 1 – July 1	Evaluation of Proposals
July 15	Evaluation Committee recommendation to UNOLS Council
Late July	Notify Agencies of Evaluation Committee recommendation
August 1	Recommendation circulated to UNOLS membership for concurrence
August 15	Notify Selected Institution: University of Washington selected as the next Office with Doug Russell as UNOLS Ex. Secretary

Weekly meetings between URI and UW

May 1, 2019	UNOLS Office established at new host institution
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2017/2018 UNOLS Goals

- Ensure a smooth transition for the new UNOLS Office, including analysis of existing structure and suggestions for future changes.
- Improve quality of life and morale at sea (food, exercise, internet)



Quality of Life at Sea Survey

- UNOLS Council Subcommittee on Quality of Life at Sea: Kipp Shearman, Deborah Sternberg, and Rhian Waller
- Background:
 - Many improvements have been to the fleet made over the past decade, including the addition of new research vessels.
 - UNOLS would also now like to turn attention to improving the quality of life and morale while working at sea, for both the crew, technicians, and scientists.
- A survey was distributed on October 1st. (just three questions).
- Improvement suggestions range from increased bandwidth to cook-outs.
- Responses are requested by **October 15th**.
- A summary of responses will be provided at the UNOLS Council meeting in early November.



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UNOLS Outreach and Early Career Investigator Initiatives

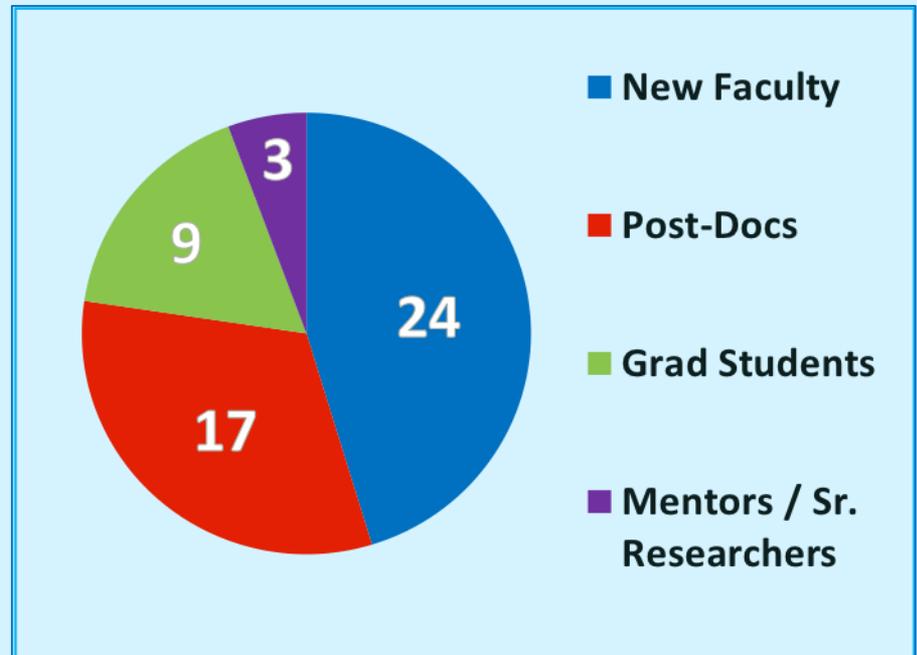




2018: Chief Scientist Training Workshop R/V *Atlantis* with *Alvin/Sentry*, Dec 3-21 East Pacific Rise: 9N

Berths available: 10
Applications received: 53
Institutions: 44
Disciplines: 5
Microbiology, (Macro)biology,
Chemistry, Geology,
Physics/Engineering

Participant Career Level



Cruise funded by the NSF (OCE #1834797)

Organized by: Dr. Daniel Fornari (WHOI), Dr. Patricia Gregg (U. Illinois Urbana-Champaign), Dr. Dorsey Wanless (Boise State), and Dr. Michael Perfit (U. Florida)



Chief Scientist Training Workshops Statistics

Tracking the Participants:

- 215 Participants in CSTW over 7 years (2011 – 2017)
- 50 Participants submitted a total of 280 STRS Requests (114 as PI, 166 as Co-PI)*
- 68 Requests funded = ~24% (18 as PIs and 50 as CoPIs)

Papers featuring data collected on Chief Scientist Cruises have been published in *PNAS*, *Deep-Sea Research Part II*, and other journals

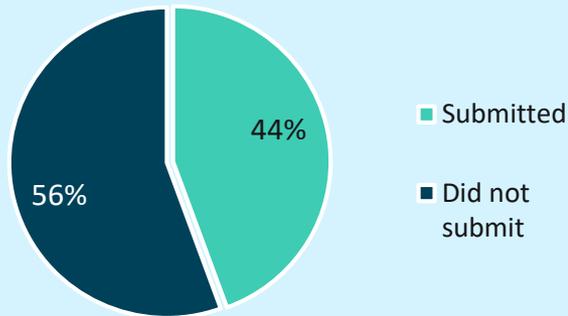
* Statistics based on STRs submitted after participation in training workshop



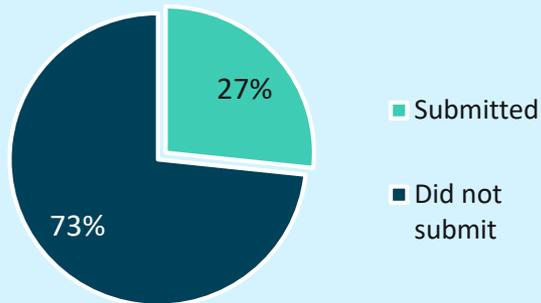


Percentage of CSW Participants that Submitted STRs Post Cruise

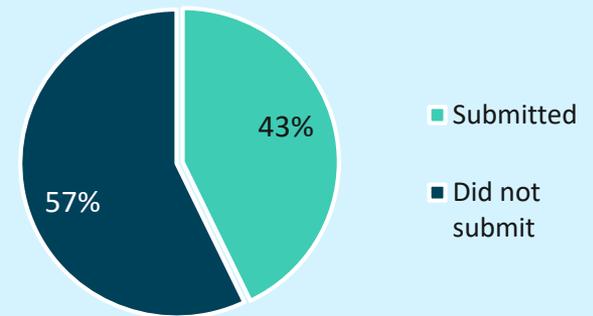
% 2011 participants



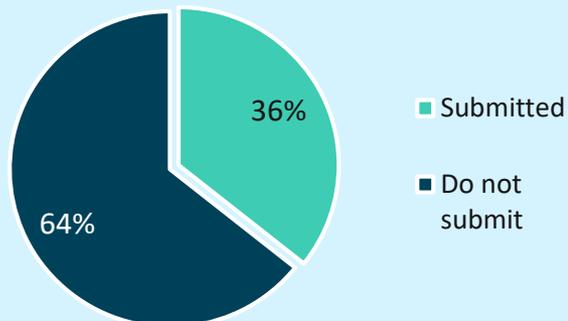
% 2012 participants



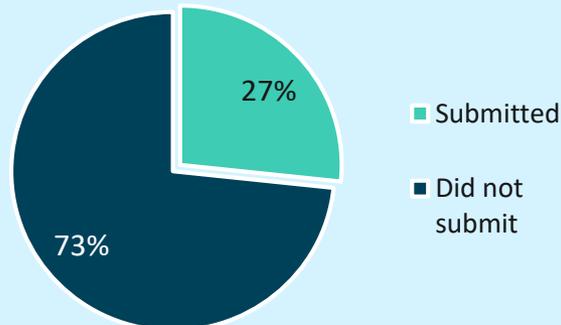
% 2013 participants



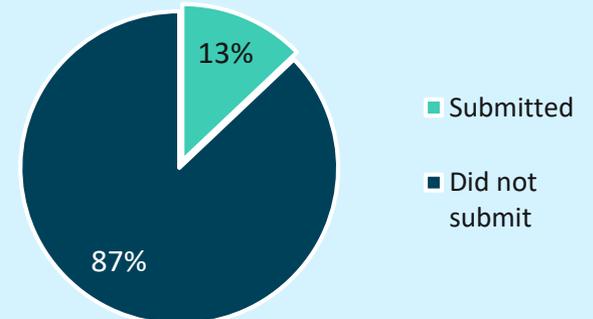
% 2014 participants



% 2015 participants



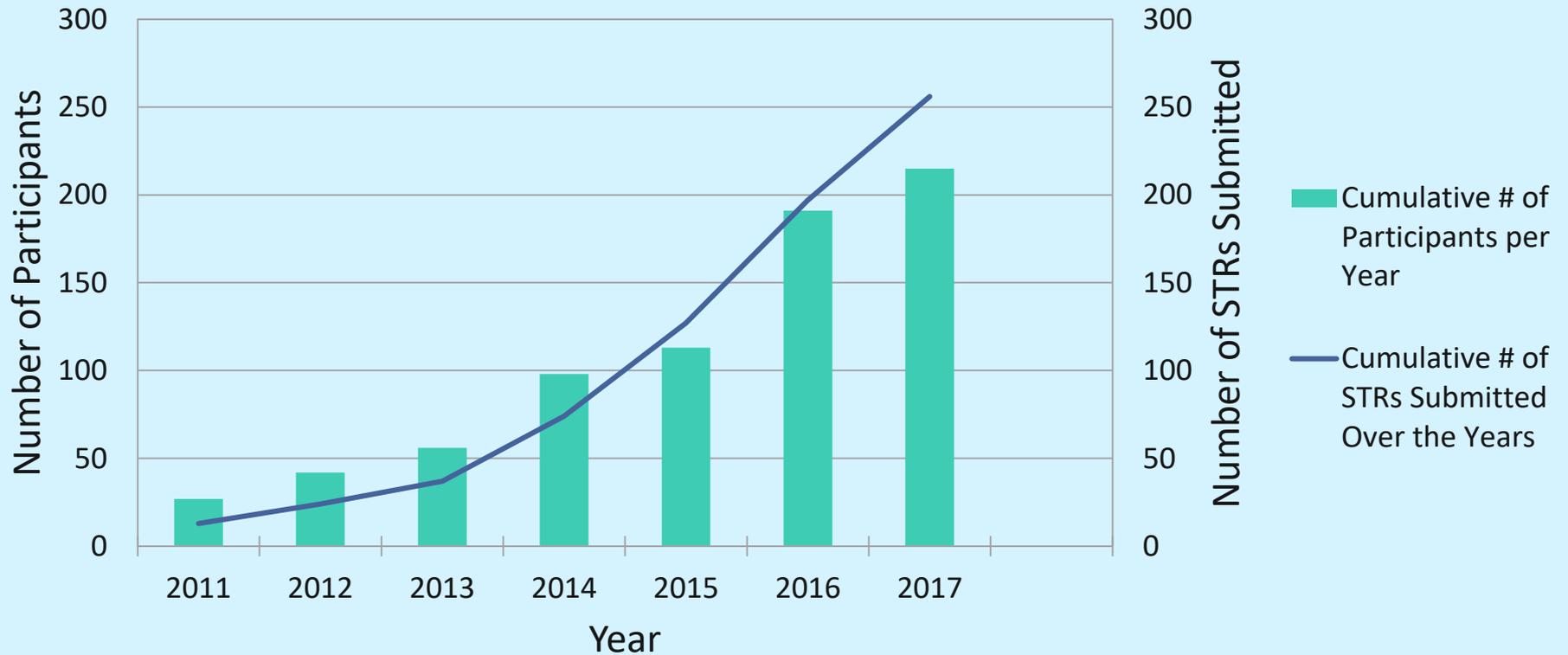
% 2016 participants





Cumulative Number of Participants and STR Submissions

Cumulative # of participants and STR submissions following years after the CSW



- PCAR Subcommittee has evaluated services that could be provided by a commercial vendor
- Can be integrated with the STRS to prefill relevant fields

Cruise Information

Ship

Cruise Number

Area of Operations

Chief Scientist

Cruise Date

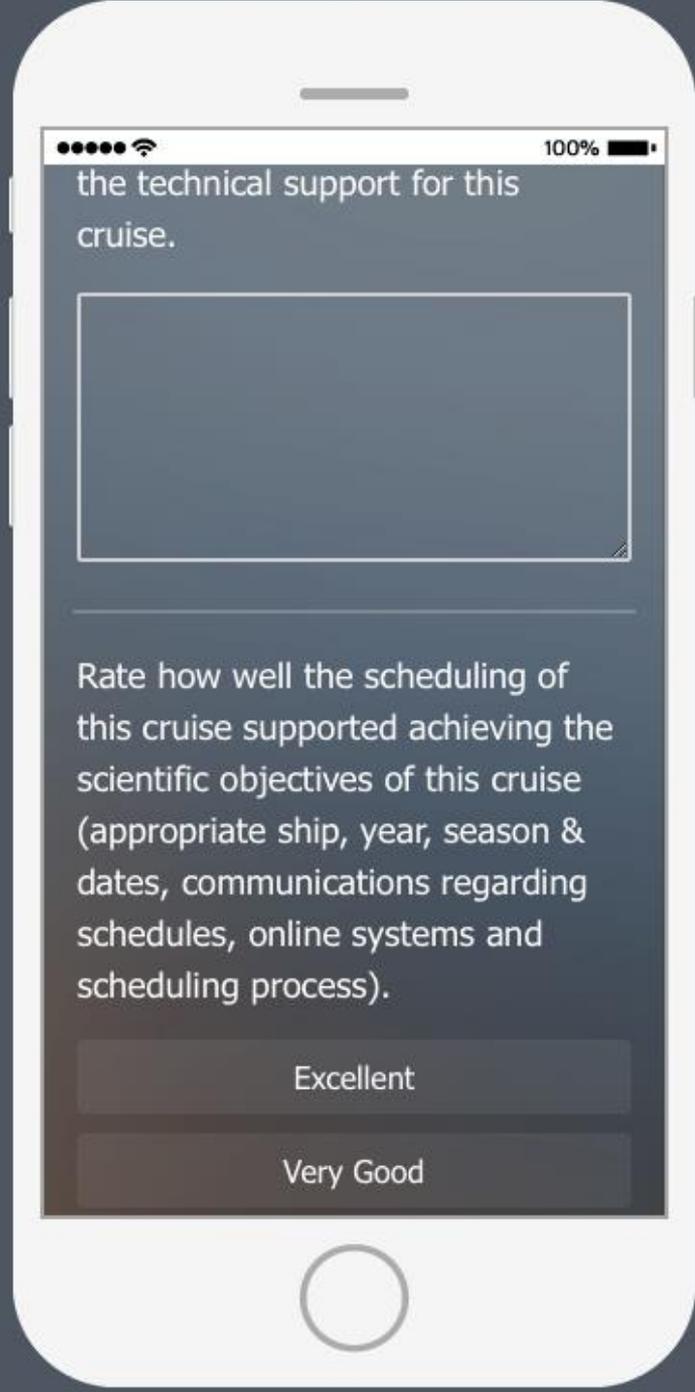


- Can be filled out on your computer, tablet, or phone

To what extent were the planned science objectives of this cruise met?

91-100%	81-90%	71-80%	61-70%	60% or Below	N/A
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Please provide a BRIEF, 1-2 sentence description of the science objectives for this cruise (ie. CTD casts, survey transects, mooring deployment, etc.). Please specify how the service and support of the ship contributed to the factors that affected the completion of the science objectives, especially if not all of the objectives were met (ie. weather, equipment failure, etc.).



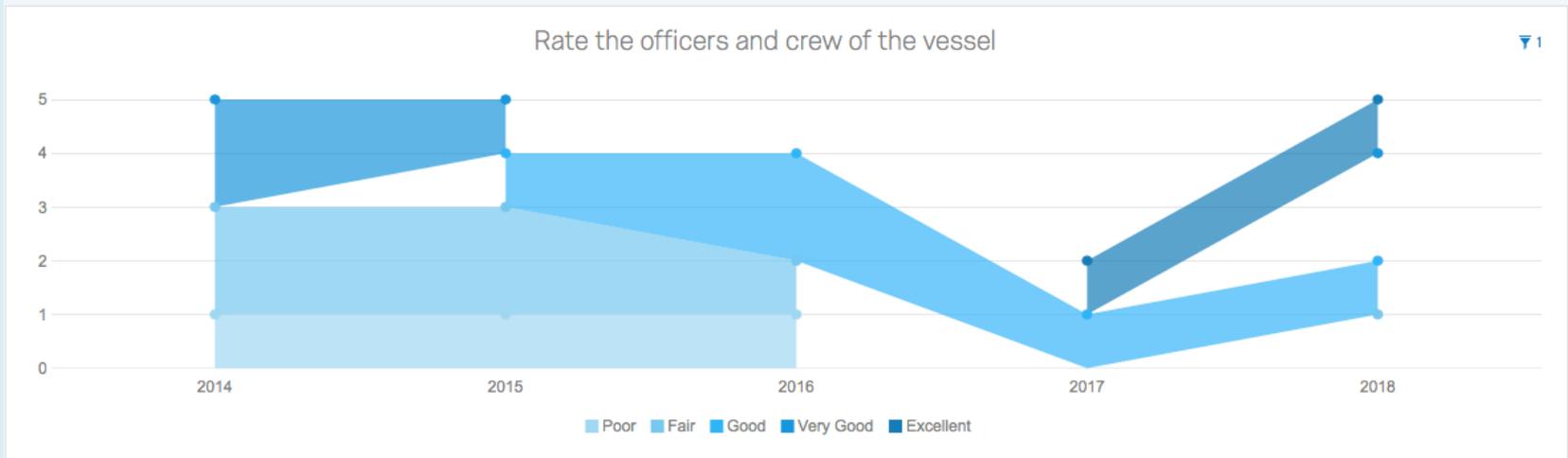
- Returns data in filterable, searchable texts, graphs, and tables

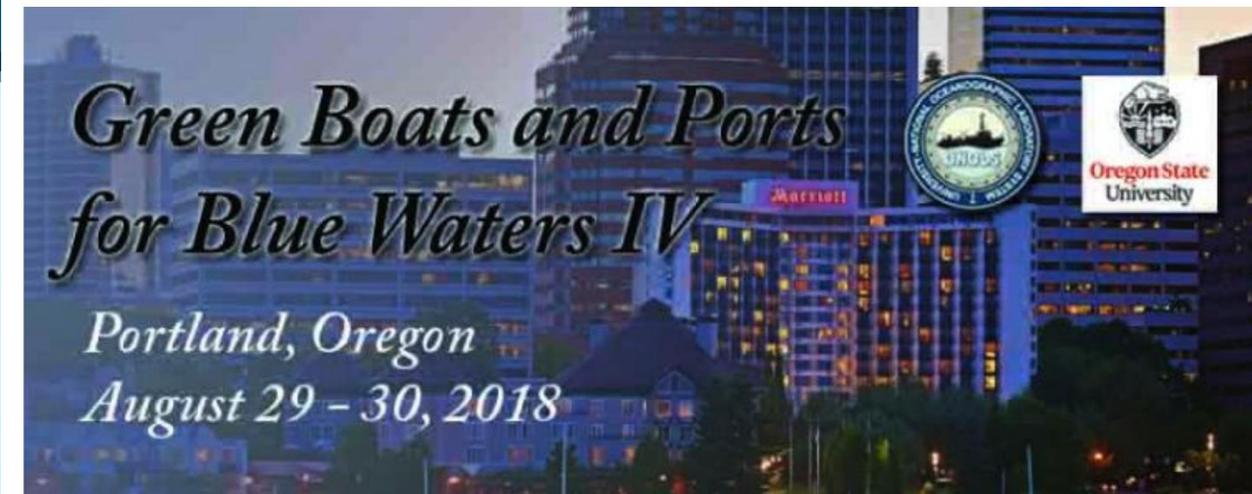
Filters

[Hide Filters](#) [Reset to Default](#)



Responses	Number of Days Lost				
7	Weather	Ship, Ship's Propulsion, Power, Crew:	Ship's Scientific Equipment	User Provided Scientific Equipment	Medivac/Diversion
	8.0	15.6	17.1	16.9	14.3





<https://www.unols.org/event/meeting/green-boats-and-ports-iv>

- | Organization | Topics |
|---------------------|---|
| • Green Marine | Third-Party Certification |
| • NOAA | Human side of environmental management |
| • Wylie Charters | Sail Assist Research Vessels |
| • ASV Global Green | Advantages of Autonomous Vessels |
| • Panolin | Environmentally Acceptable Lubricants |
| • Navis | Energy Mgt Solutions Clean Power, Quality, Energy management |
| • Jasco | Applied Sciences URN Measurement and Monitoring for Ports & Harbors |
| • SIO | Zero-V: A Hydrogen Fueled Research Vessel |
| • MBARI | <i>Re-Powering the R/V Rachel Carson</i> |
| • USCG | USCG Pollution Prevention Programs |
| • ARUP | Greening Initiatives |



Thank you!



Post Cruise Assessment Reports

Fleetwide Percent Return for Post Cruise Assessments 2007-2017

