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PMO Update

John Trowbridge & Darlene Trew Crist

OOIFB Meeting
October 13, 2020



Thank you to OOIFB & DDCI Committee

- Dec 2019 DDCI Report
- Feb 2020 Ocean Sciences Meeting Town Hall
- Review of Annual Work Plan for Program Year III
- Upcoming OOI Science Plan Update
- Guidance

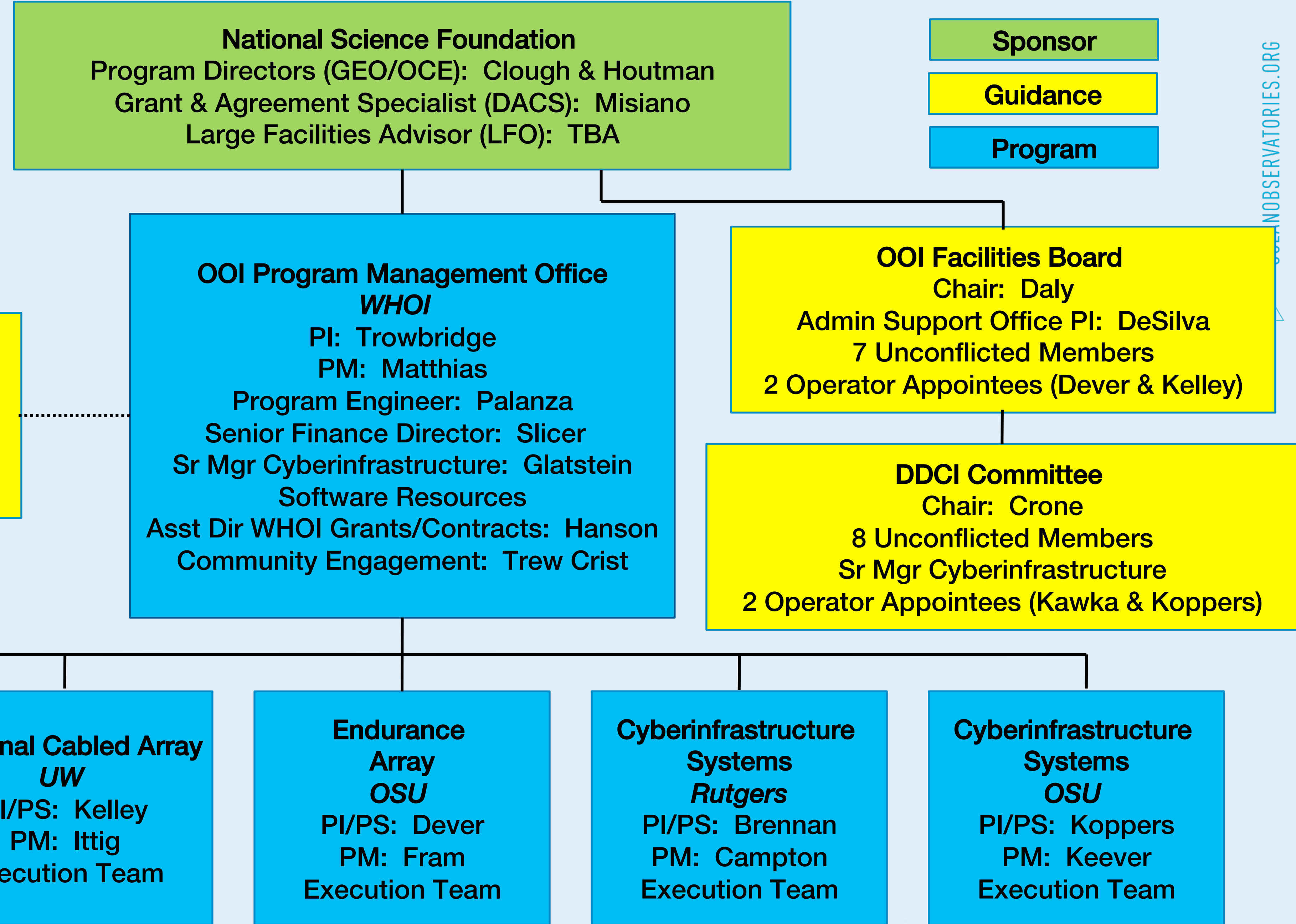


OOI Scope

- Management
- Operations
- Cyberinfrastructure & Data Delivery
- Community Engagement



Organization



Sponsor

Guidance

Program

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Operations

Major PYII cruises (1 Oct 2019 – 30 Sep 2020)

- Fall 2019 Pioneer
- Winter 2020 Southern Ocean (recovery)
- Spring 2020 Endurance (resched summer)
- Spring 2020 Pioneer (reduced scope)
- Summer 2020 Papa (canceled)
- Summer 2020 Irminger
- Summer 2020 Regional Cabled
- Fall 2020 Endurance (canceled)

Refurbishment



Cyberinfrastructure & Data Delivery



PYI (Oct 2018 thru Sep 2019):

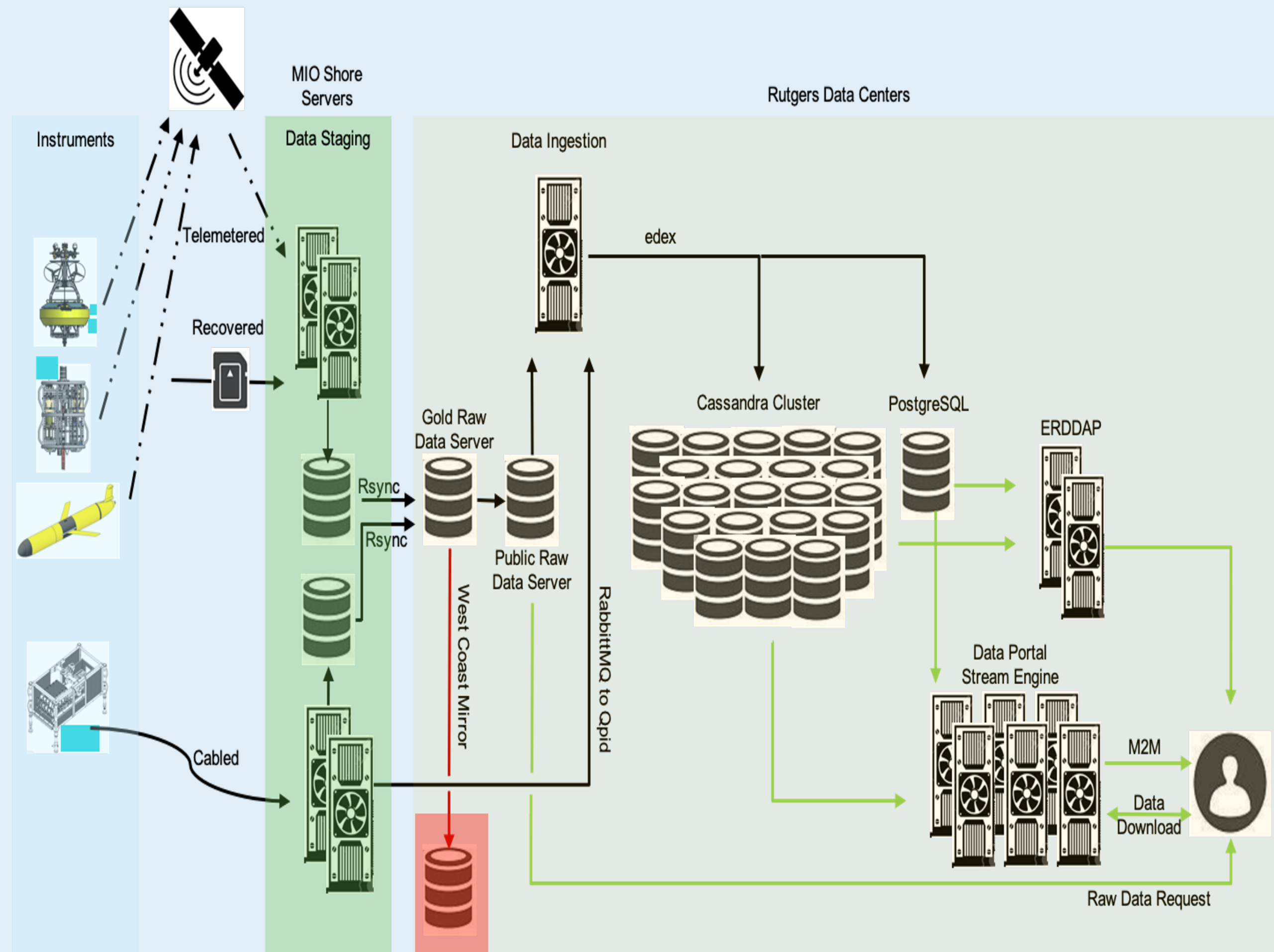
- Self Evaluation
- Analysis of Alternatives (AoA)

PYII (Oct 2019 thru Sep 2020):

- Development & launch of Data Explorer
- Selection of OSU for CI Systems

PYIII (Oct 2020 thru Sep 2021):

- Continued system enhancements
- Rutgers operates existing CI Systems
- OSU implements new CI Systems



Science Impacts

Sample publications:

Nature Climate Change: Increased risk of a shutdown of ocean convection

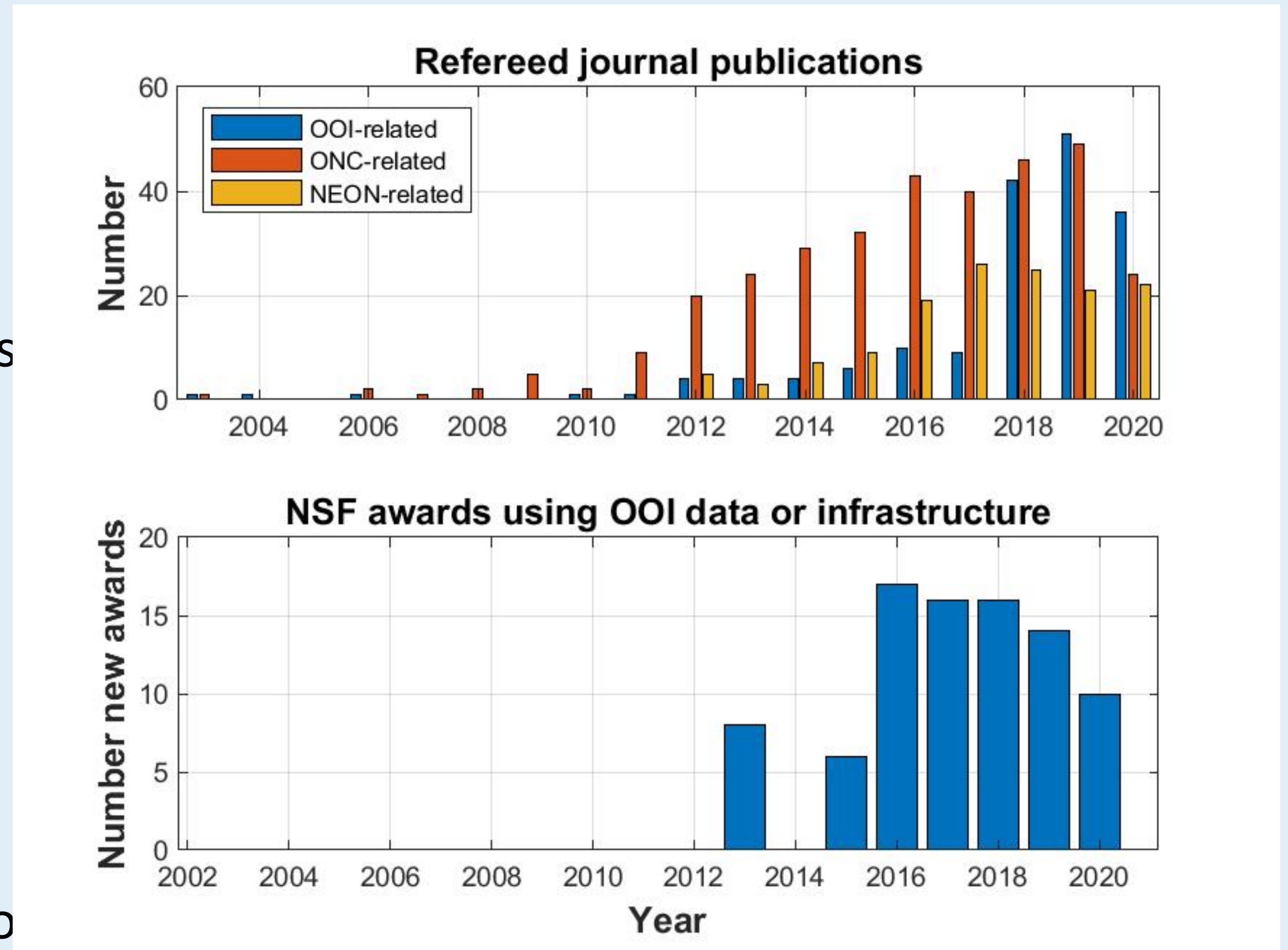
Nature Communications: Mechanism of tidal triggering of earthquakes at mid-ocean ridges

Nature Scientific Reports: Anomalous near-surface low-salinity pulses off the central Oregon coast

Nature Scientific Reports: Direct interaction between the Gulf Stream and the shelfbreak south of New England

Science: Inflation-predictable behavior and co-eruption deformation at Axial Seamount

Pub and NSF funding stats thru 9/30/20:



87 NSF awards to 67 distinct lead PIs at 35 distinct institutions



Community Engagement

Goals: optimize the OOI, build a robust & diverse community, cultivate new users

Goal 1 thru CI & Data Delivery enhancements

Goals 2 & 3 thru website, social media, national meetings, webinars, and outreach to:

- Mainstream oceanographic institutions
 - Parallel efforts including NEON & IOOS
 - Organizations including
 - Chincoteague Bay Field Station
 - Louisiana University Marine Consortium
 - NOAA Cooperative Science Centers
- to reach a broad audience, including under-served & under-represented groups

Opportunities: data, NSF OCE Education programs & resources, potential Pioneer move.



Community Engagement

New website, support of Data Explorer launch, exploration of Redmine extension



Webinars



Working with Ocean Data Labs and other partners

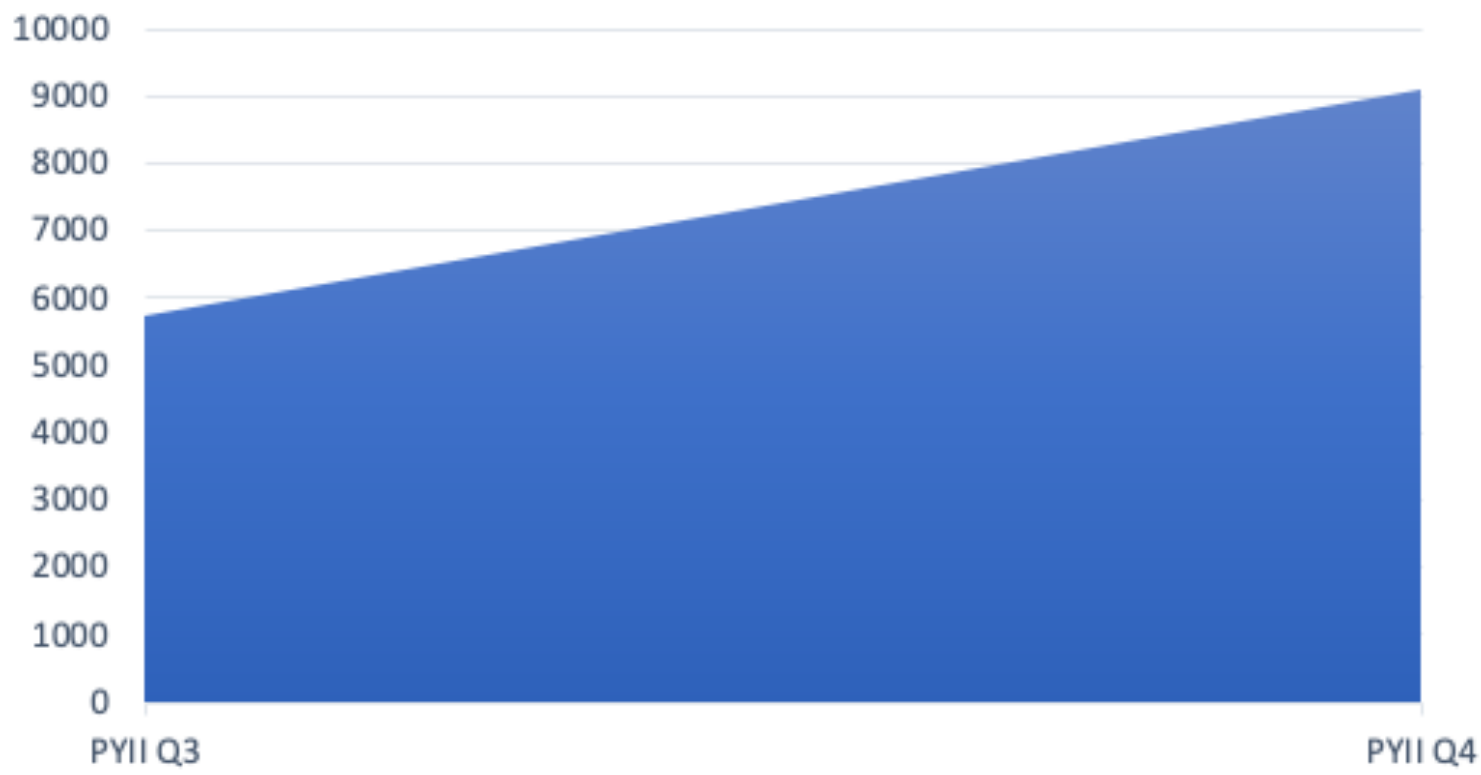


Community Engagement

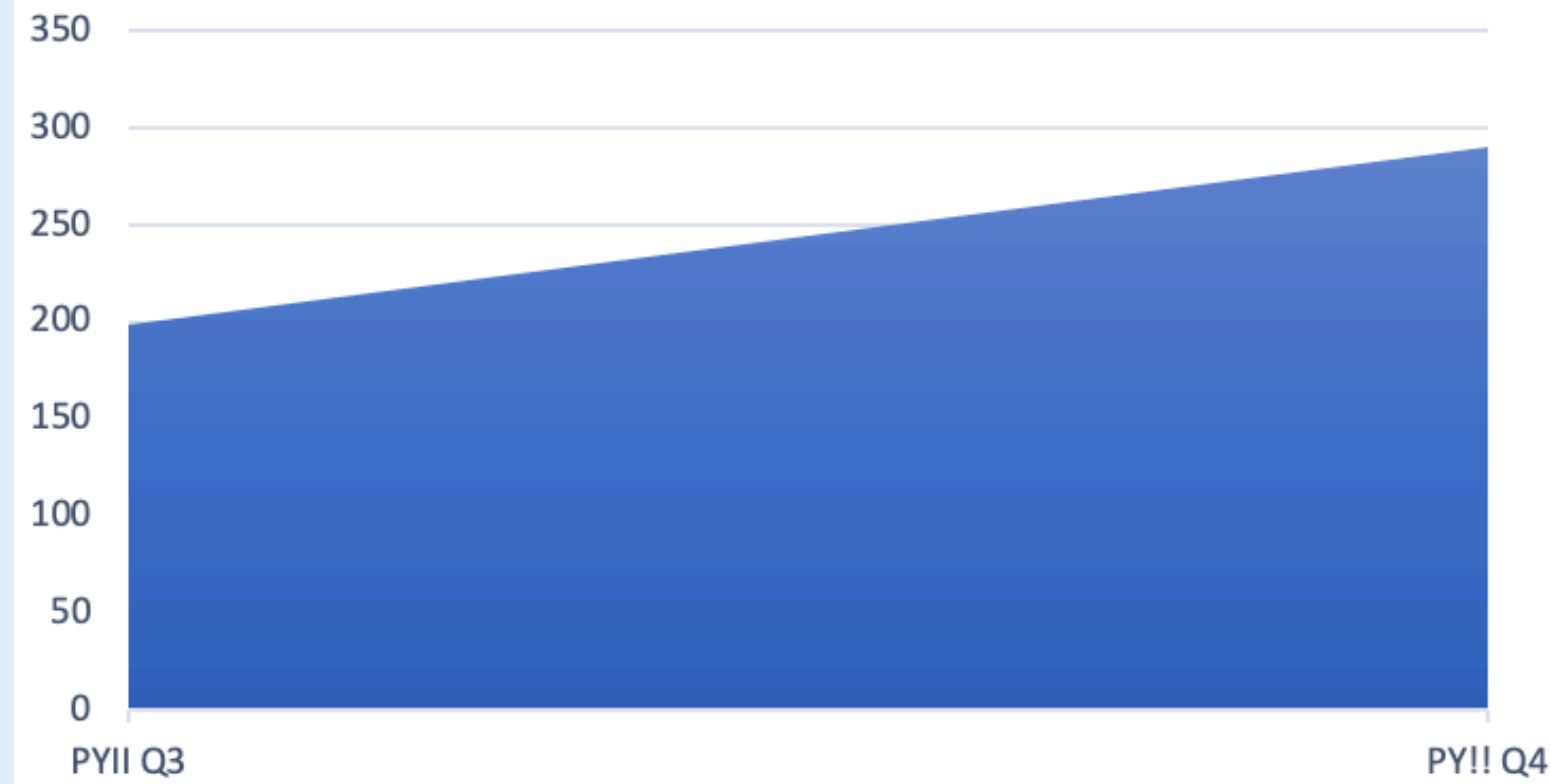
Growth of Audience Reach



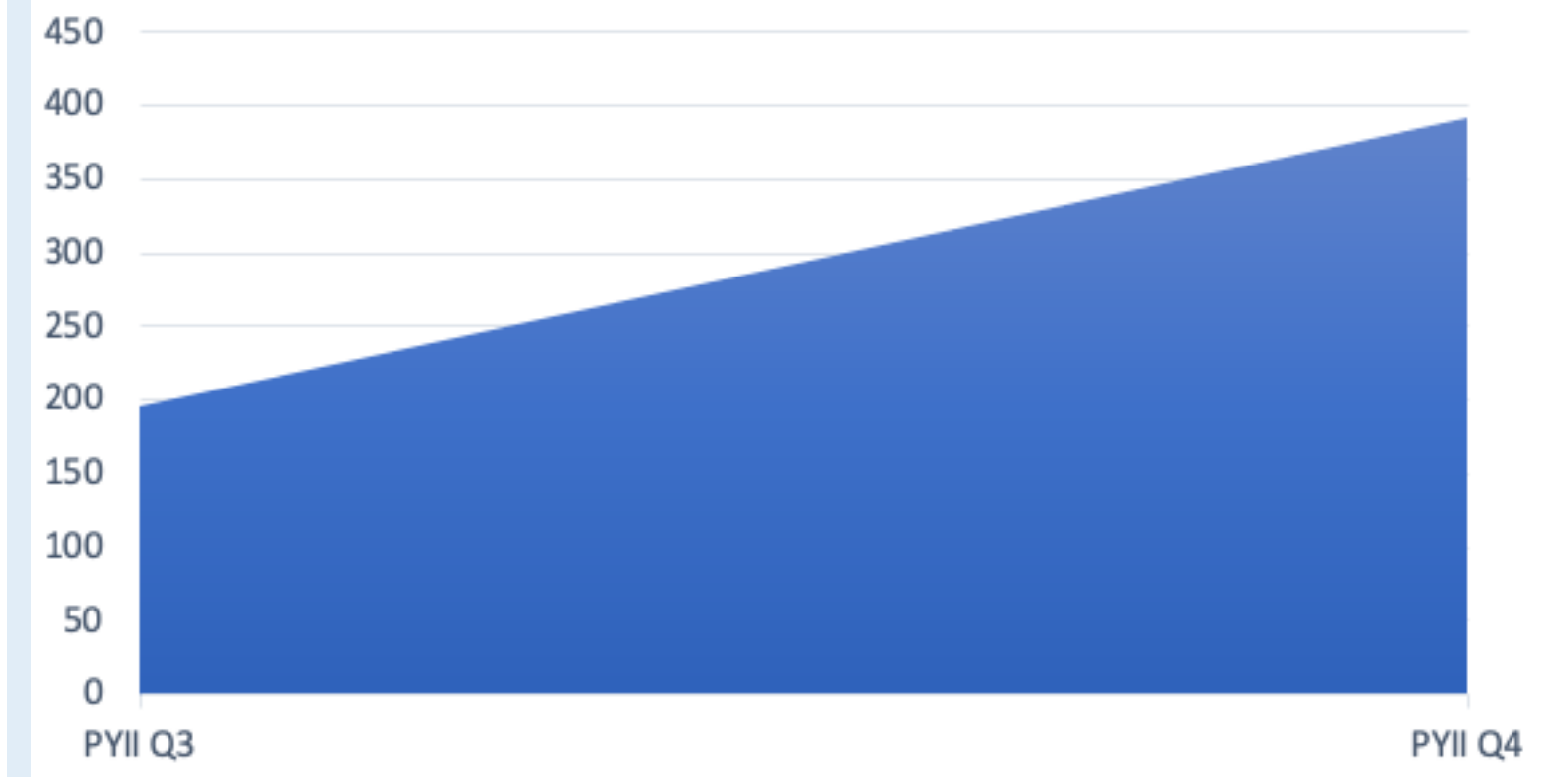
Website Visitors



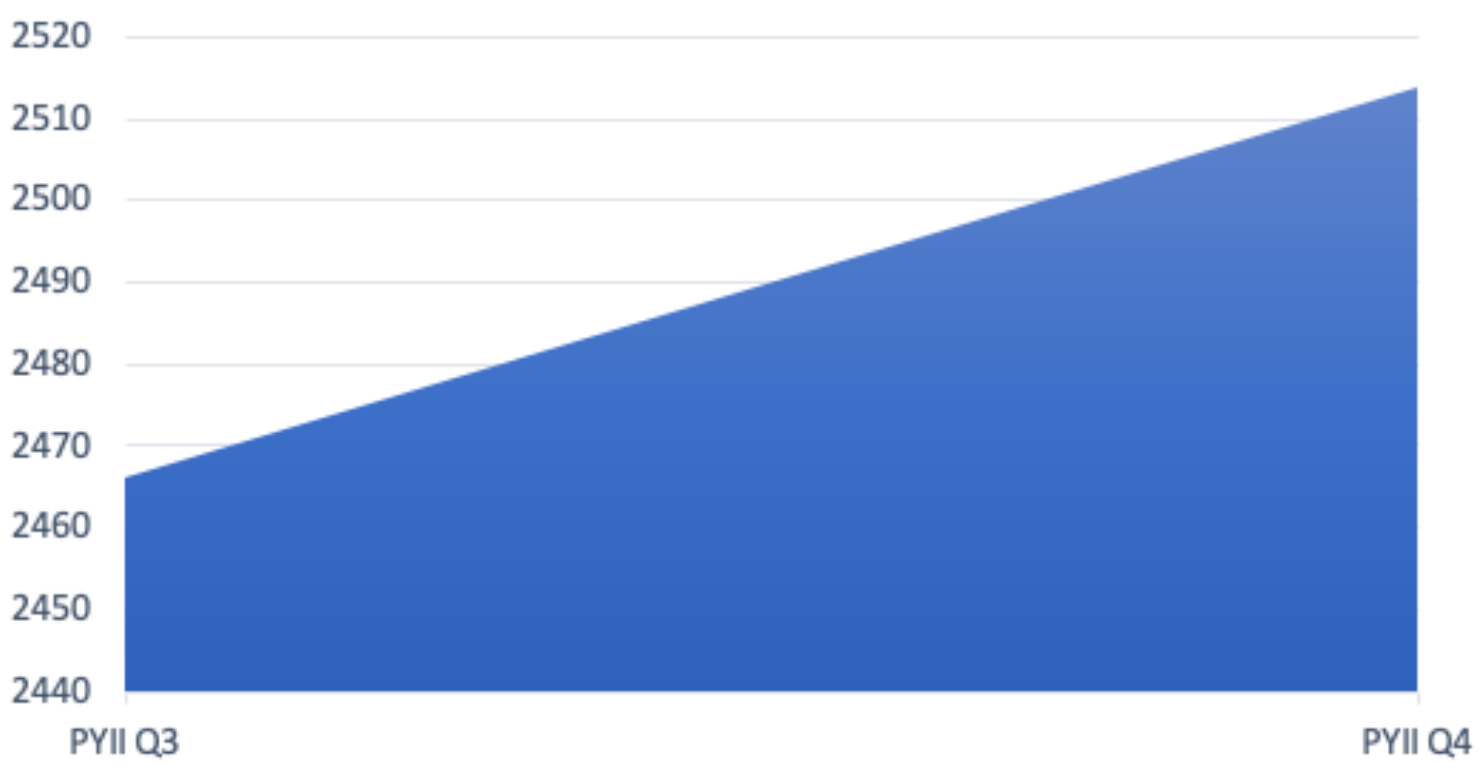
Twitter Followers



Instagram Followers



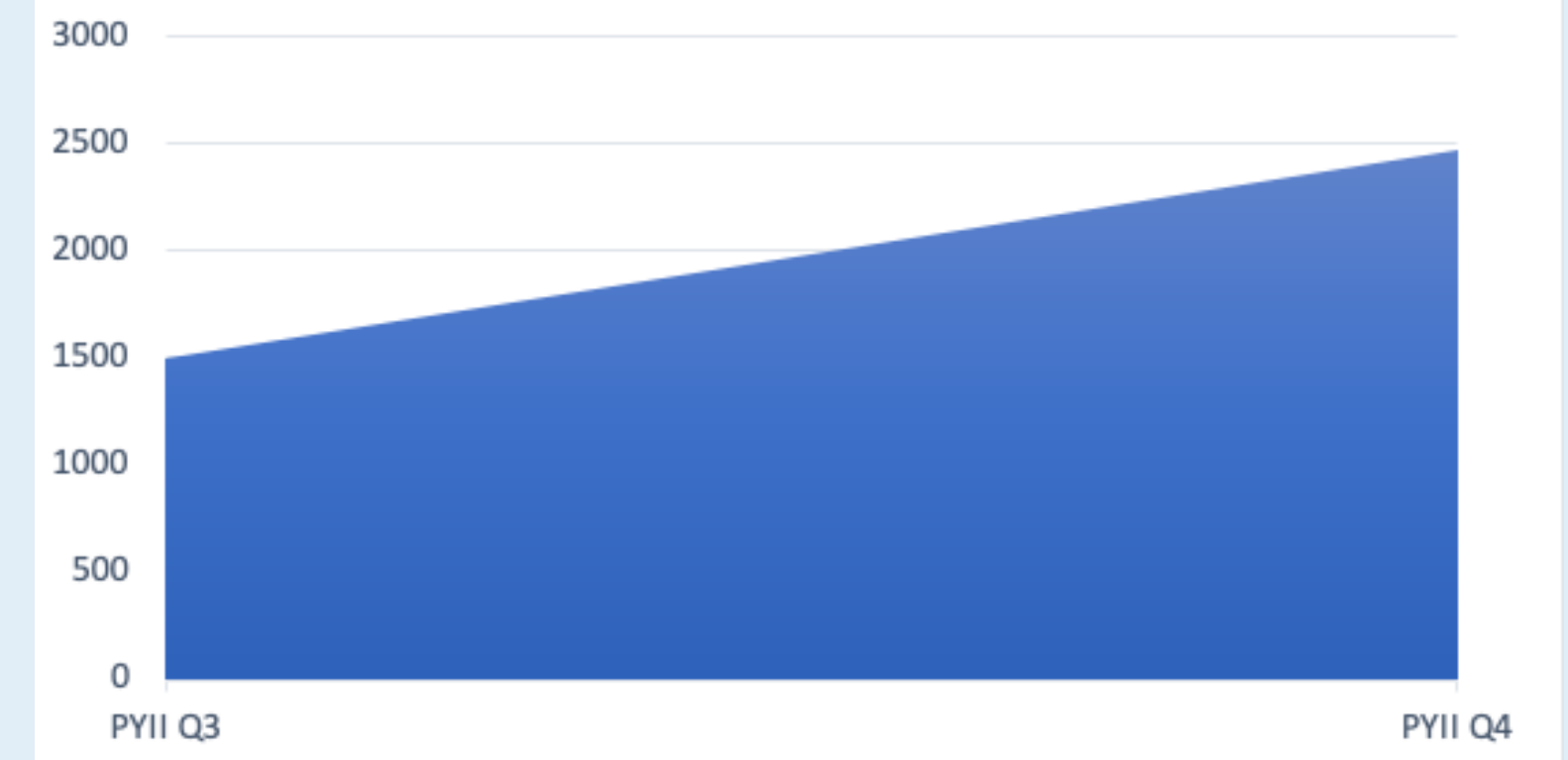
Facebook Followers



LinkedIn Followers



Download Subscribers



AGU Virtual Exhibit Hall



My Profile

Lobby

FreshMKT Expo

FreshTEC Expo

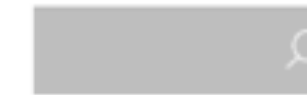
Education

Honorees

Win

Help

Exit



FreshMKT

A-B	L-M
C	N-O
D-E	P-R
F	S-T
G-K	U-Z

Welcome to the United Fresh Live! Expo Floor

- ▶ **FreshMKT** exhibitors are listed in alphabetical order
- ▶ **FreshTEC** exhibitors are listed in different categories
- ▶ And be sure to visit our Gold and Platinum exhibitors below

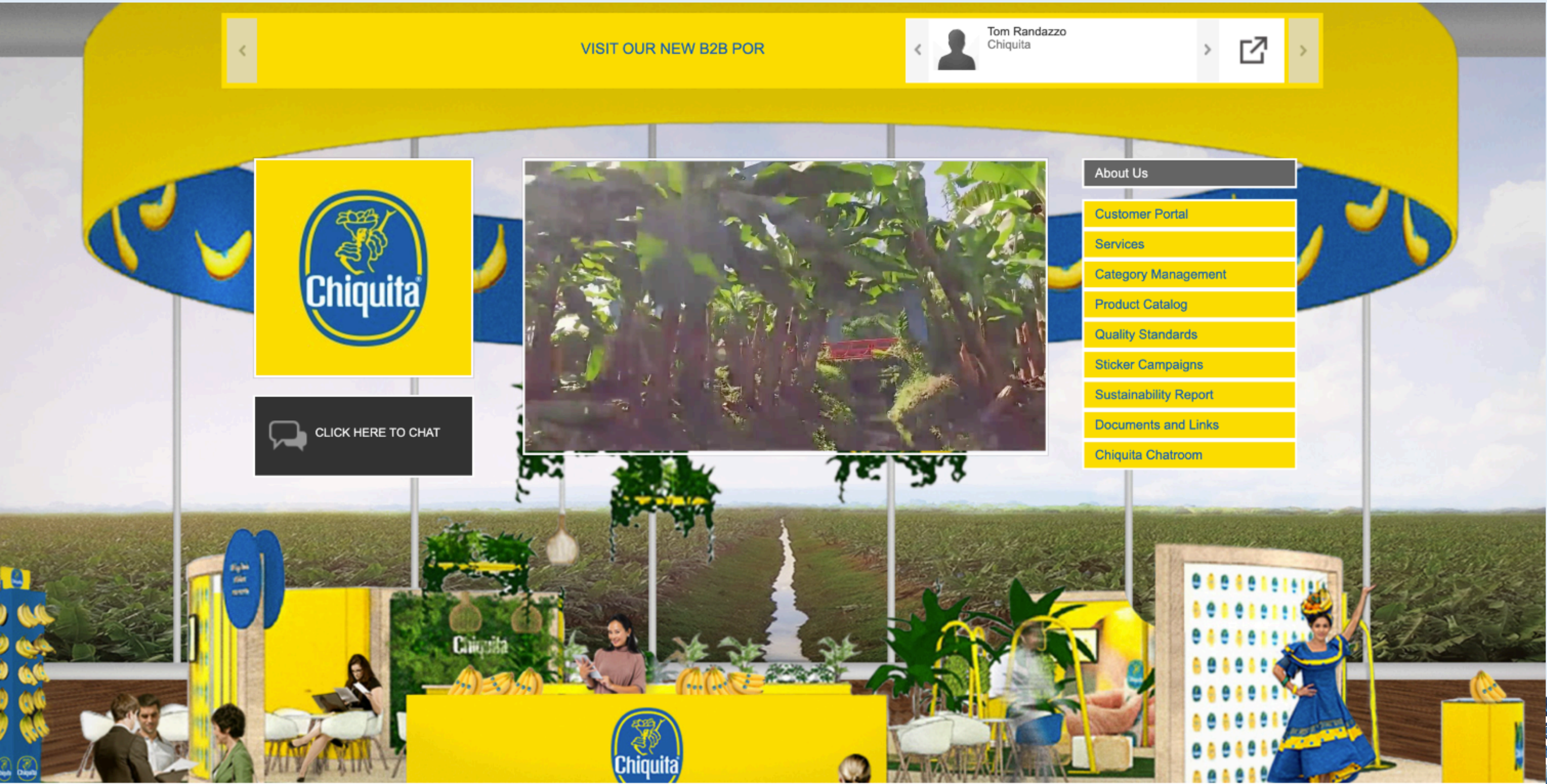
#UnitedFreshLIVE

FreshTEC

- Business Services, Marketing Solutions
- FutureTEC Zone
- International/Domestic Marketing Groups
- Packaging & Labeling Materials
- Packing Equipment
- Processing Equipment
- Quality Assurance/Food Safety
- Supply Chain/Financial Management
- Addendum



AGU Booth Components



Potential Booth Activities

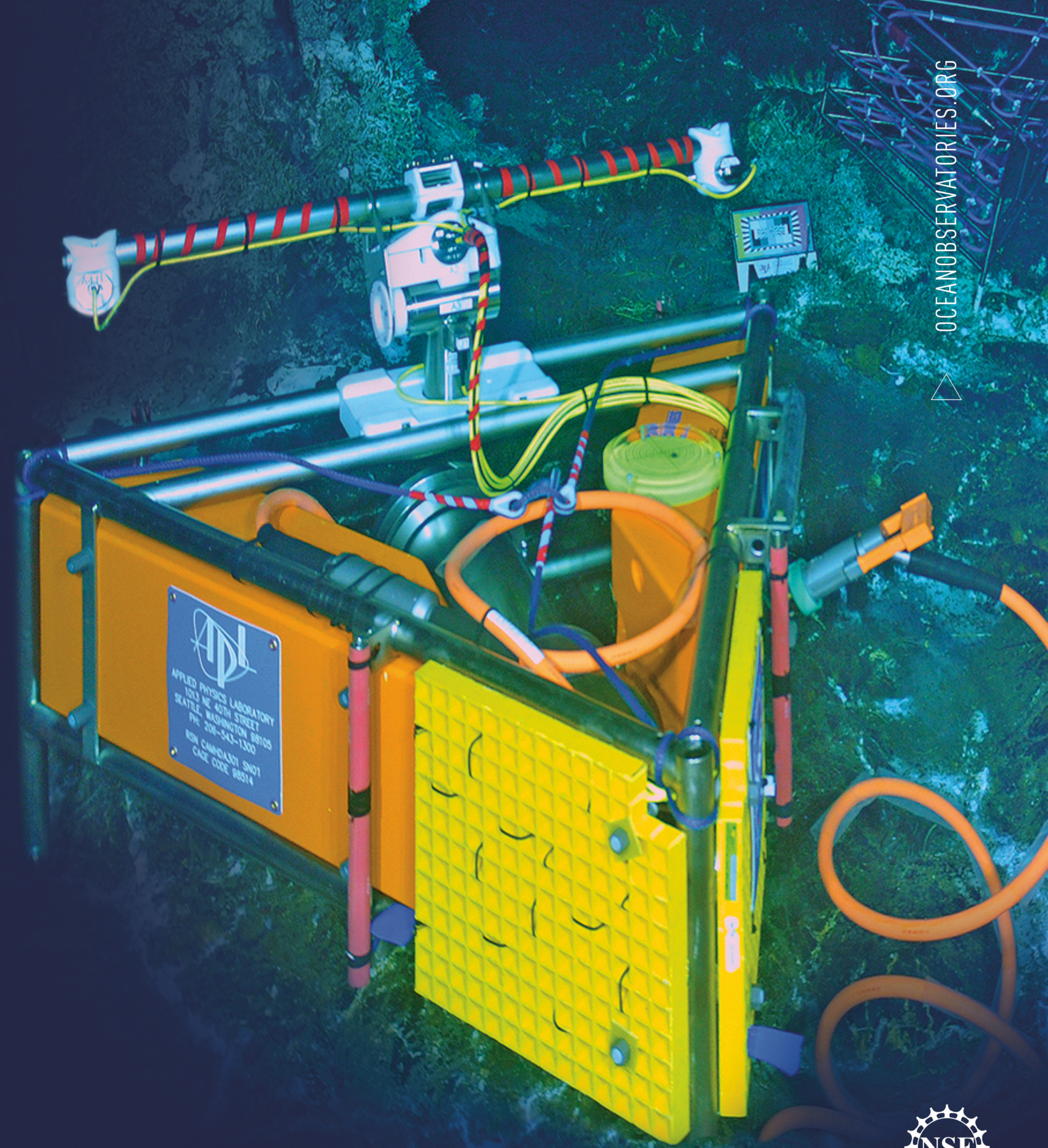
- UN Year of the Ocean discussion
- Pioneer Array move discussions
- Lightning talk presentations
- Early career gathering session
- Science highlights presentations
- Data Challenges
- Data Explorer demos
- “Ask an Expert Anything” sessions
- Other ideas?





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Questions?



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