

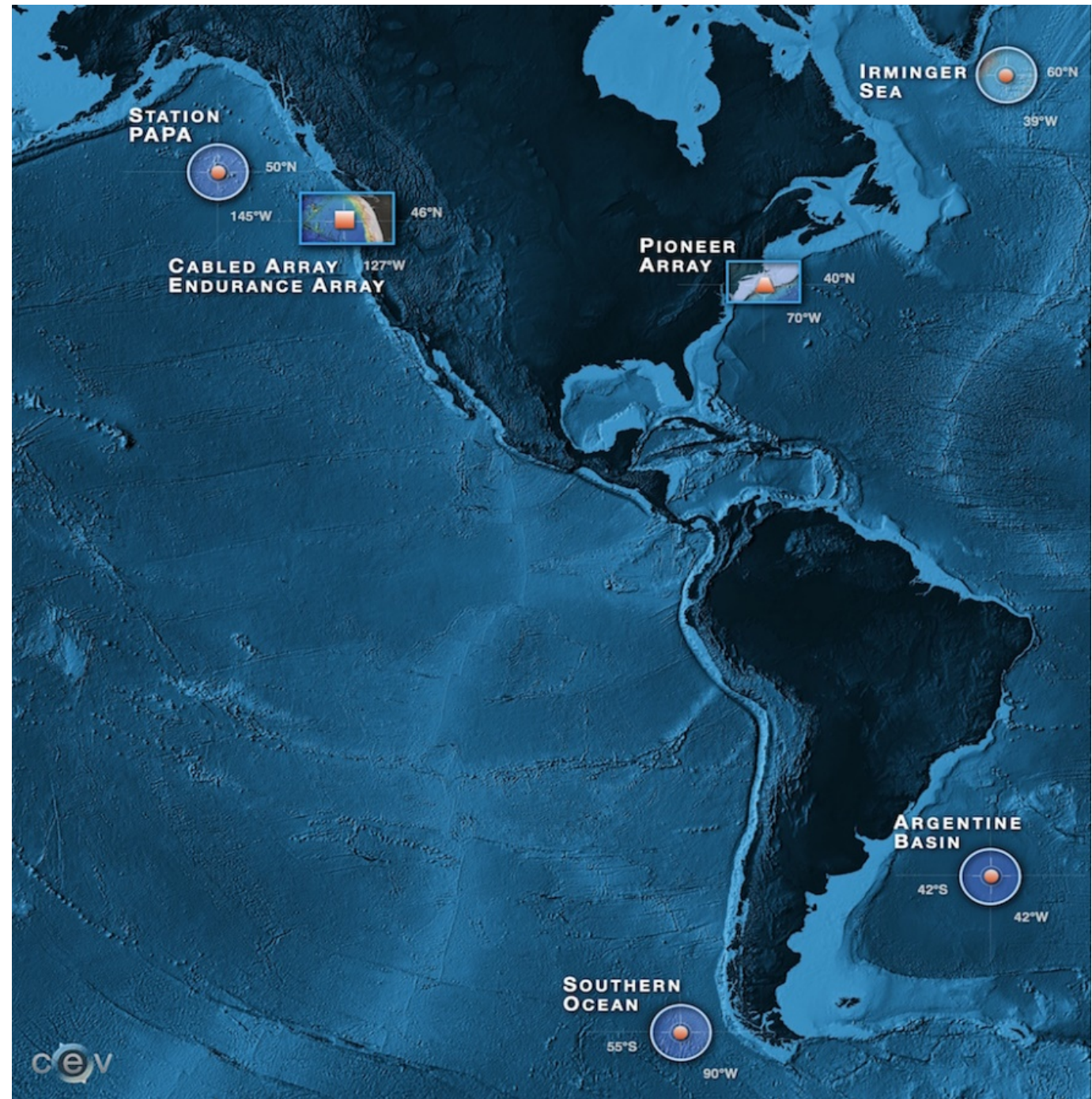
# OOI Overview

## John Trowbridge

Woods Hole Oceanographic Institution

### OOI Arrays:

- Cabled, Endurance, Irminger, Papa, and Pioneer Arrays ~ fully supported.
- Southern Ocean Array = surface mooring with joint OOI-UK support.
- Argentine Basin Array discontinued but has produced ~ 2 year data set.



# **Major Science Themes**

([oceanobservatories.org](http://oceanobservatories.org))

- Climate Variability, Ocean Circulation, and Ecosystems
- Coastal Ocean Dynamics & Ecosystems
- Fluid-Rock Interactions and the Sub-Seafloor Biosphere
- Ocean-Atmosphere Exchange
- Plate-Scale Geodynamics
- Turbulent Mixing and Biophysical Interactions

# OOI 2.0 Structure (1 Oct 2018 forward, pending NSF approval)

- National Science Foundation: Sponsor
- OOI Facilities Board: Independent input and guidance
- Woods Hole Oceanographic Institution:
  - Project Management Office
    - Principal Investigator, Program Manager, Program Engineer, Finance Director, Data Delivery Manager
    - Institutional support functions
  - Coastal & Global Scale Nodes (presented today by Sheri White)
- U Washington: Regional Cabled Array (presented today by Deb Kelley)
- Oregon State U: Endurance Array (presented today by Craig Risien)
- Rutgers U: Cyberinfrastructure (presented Tuesday by Mike Vardaro)