The OOI: A System of Systems (Observatories)





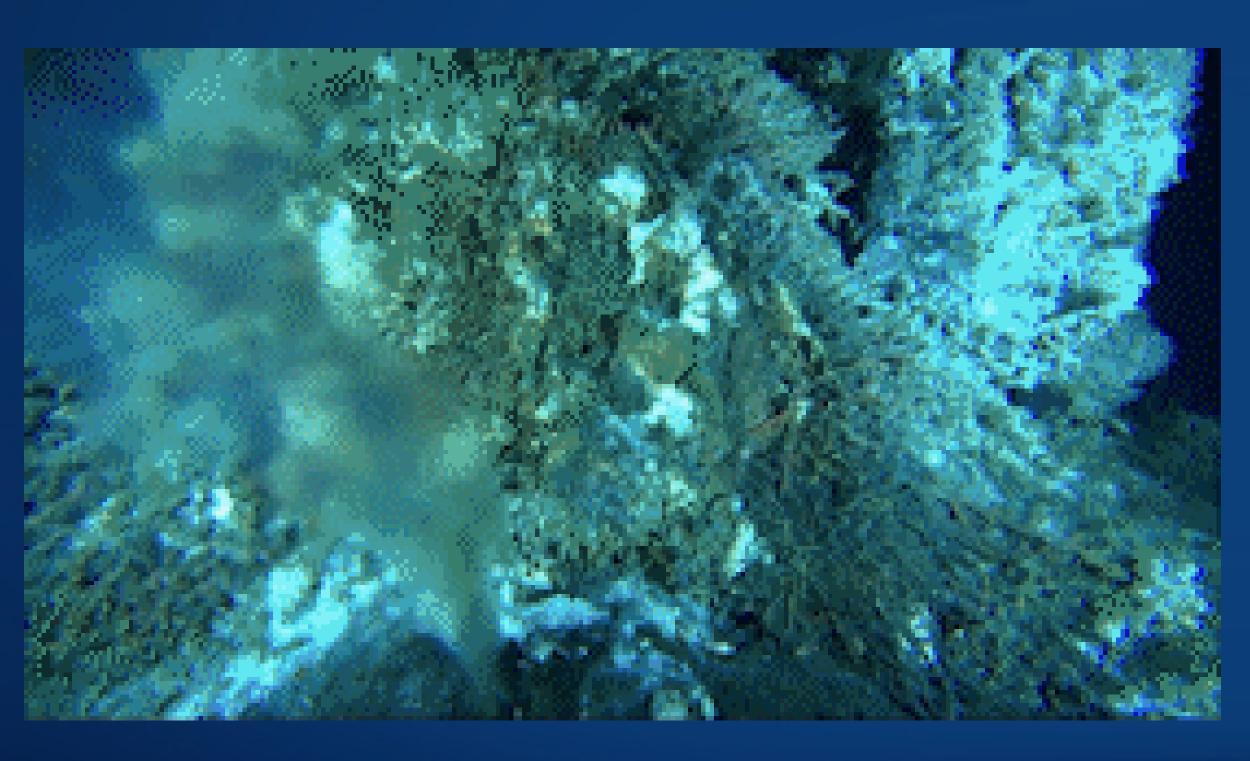








OOI operates & maintains sophisticated instrumentation in demanding locations



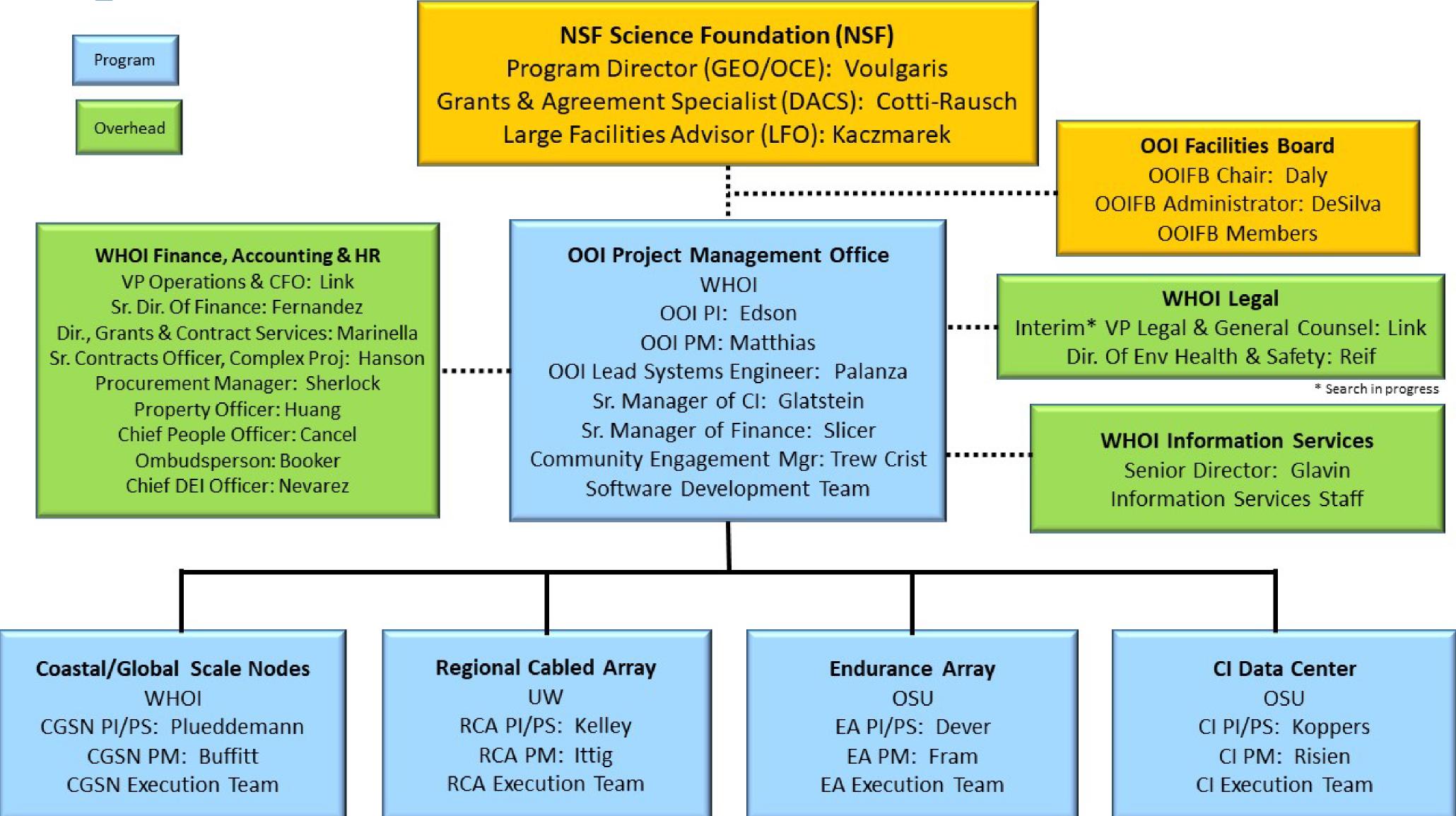


Hydrothermal Vents

Atmosphere-Ocean Exchange



OOI Organization established 2018









PMO Organization

Woods Hole Oceanographic Institution

President: Peter de Menocal

Program

Overhead

Senior Director of Finance:

Dana Fernandez

Senior Contracts
Officer, Complex
Projects
Mark Hanson



OOI Project Management Office

OOI Program Manager:
Paul Matthias



OOI Lead PI: Jim Edson



Senior Finance
Manager
Laura Slicer



Lead System
Engineer
Matt Palanza



Senior Manager of Cyberinfrastructure, OOI Data Delivery Lead
Jeff Glatstein



Sr. Engineer
Software
Development
Mark Steiner

Community
Engagement
Manager
Darlene Trew Crist





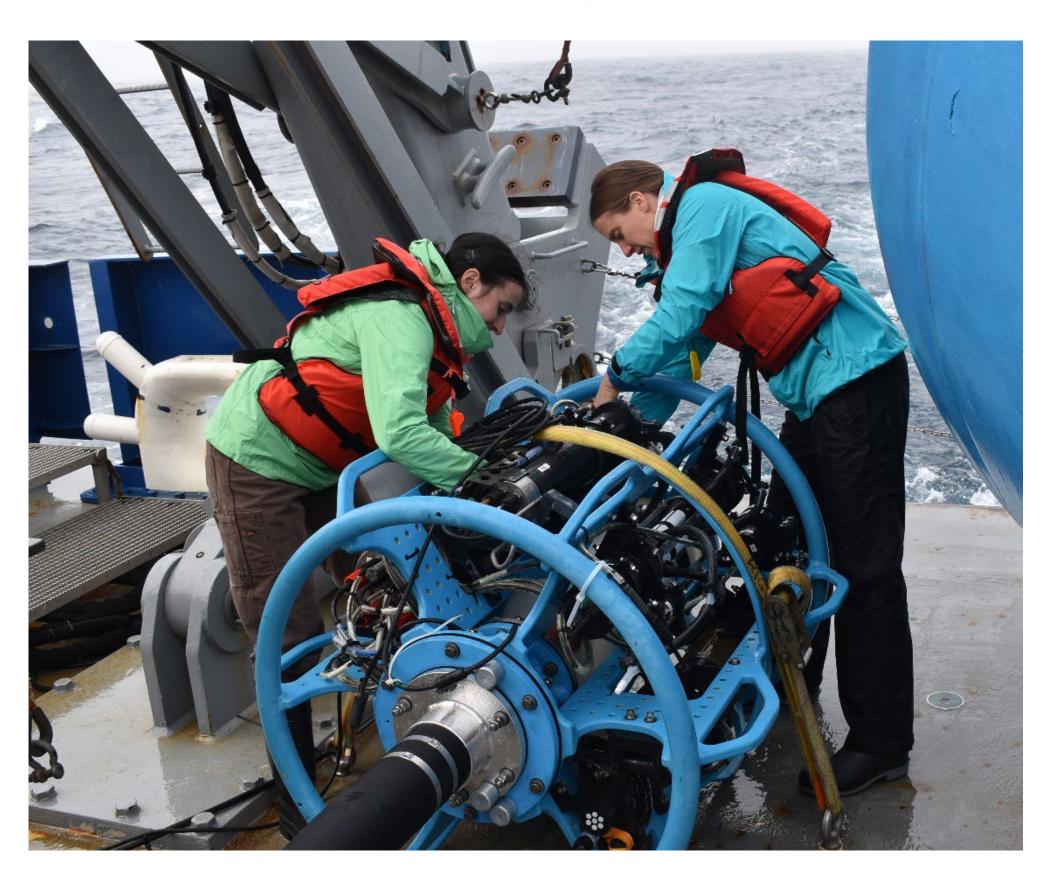




Our Mission

The OOI does not conduct research, the OOI provides research quality data to the user community (scientists, educators, and the general public).

https://oceanobservatories.org/how-to-access-data/



ECV Collected

Surface Variables

- Pressure
- Radiative Fluxes
- Temperature
- Humidity
- Precipitation
- Moisture/Evaporation
- Vector Wind
- DC Stress & Buoyancy Flux

Oceanographic

- Net Surface Heat Flux
- Temperature Profiles
- Salinity Profiles
- Currents Profiles
- Sea Level

Biogeochemical Sensors (at multiple depths)

- pH
- pCO₂
- Oxygen
- Plankton & zooplankton
- Nitrate
- Chlorophyll a

and we monitor an active volcano!

