

NORTHEAST PACIFIC OOI WORKSHOP 2022 - POSTER PRESENTATIONS

First Name	Last Name	Institution/Organization	Poster Title
Shima	Abadi	University of Washington	Ocean Ambient Noise Analysis using the OOI Acoustic Data
Albert	Hermann	NOAA/PMEL and University of Washington/CICOES	Dynamical downscaling of projected conditions over the 21st century in the Northeast Pacific
Julie	Huber	Woods Hole Oceanographic Institution	Integrating seafloor microbial, hydrological, geochemical, and geophysical processes in zero-age, hydrothermally active oceanic crust at Axial Seamount, Juan de Fuca Ridge
Rabie	Maarouf	Alexandria University	Integrating Water Quality Levels and Remote Sensing Facilities to Estimate Aquaculture Distribution in Egypt
Lanfranco	Muzi	Ocean Networks Canada - University of Victoria	Understanding The Impact Of Covid-19 On The Soundscape Through Modelling And Observatory Data
Artash	Nath	Monitor My Ocean	Silence of Global Oceans: Acoustic Impact of COVID-19 Lockdowns
Hilary	Palevsky	Boston College	The Blob Data Lab: Using OOI Data to Teach Data Analysis and Scientific Computing Skills in Upper-Level Courses
Martin	Heesemann	Ocean Networks Canada	Over a Decade of High-resolution Ocean Bottom Pressure Measurements in the Northeast Pacific
Tamara	Barriquand	Cal Poly Humboldt	Assessing Geological, Biological, and Tidal-Driven Impacts to Humboldt Bay's pH: an Oceanography Senior Capstone course project using in situ and CENCOOS data
Karen	Bemis	Rutgers, The State University of New Jersey	Using acoustic imaging to monitor focused and diffuse hydrothermal venting
Brandy	Cervantes	Oregon State University	Subsurface Temperature Anomalies off Central Oregon During 2014-2021
Bill	Chadwick	Oregon State University	Inflation at Axial Seamount Since its 2015 Eruption
Thomas	Connolly	Moss Landing Marine Laboratories, SJSU	Nonlinear Ekman pumping and coastal upwelling off the Oregon coast
Edward	Dever	Oregon State University	pH and pCO ₂ Time Series from the OOI Endurance Array - Overview of seasonal and even variability and comparison to historical observations
Benjamin	Evans	MIT Lincoln Laboratory	ICEX22 Concurrent Seismoacoustic and CTD Data Analysis
Rob	Fatland	University of Washington/eScience Institute	Sharing Synoptic Ocean Data Analysis Tools
Melanie	Fewings	Oregon State University	Making Available More Than Two Decades of Mooring and Ship-Based Observations and from the Newport Hydrographic Line
Cheryl	Greengrove	University of Washington Tacoma	How OOI data has been used in undergraduate teaching at University of Washington Seattle & Tacoma.
Alex	Harper	IOOS/CeNCOOS/MBARI	Advancing Observational Capacity and Understanding off Northern California: A Critical Expansion to Quantify Climate Change Impacts, Support Model Development, and Build Community Resilience.
Yipeng	He	University of Connecticut	Hg flux along the central meridional North Pacific
Alexander	Kurapov	NOAA	Using OOI data to verify ocean circulation model results with focus on interseasonal shelf and slope variability
Michelle	Lee	Columbia University	Annual and long-term seismic velocity variations at Axial Seamount observed with seismic ambient noise
Wu-Jung	Lee	Applied Physics Laboratory, University of Washington	Summarizing long-term changes in daily echogram patterns observed by moored echosounders in the U.S. Ocean Observatories Initiative network
Bennit	Mueller	Ocean Networks Canada	Challenges for long-term CTD deployments at active hot vents and cold seeps - Examples from Ocean Networks Canada NEPTUNE observatory and OOI Regional Cabled Array

Yiyu	Ni	University of Washington	Implicit Neural Compact Representation of the OOI DAS Data
Daniel	O'Shea	California State Polytechnic University, Humboldt	Use of OOI Data for Undergraduate Educational Laboratory Exercises
Carla	Peterson	University of Washington / Naval Undersea Warfare Center Division Keyport	Designing an Investigation of the Effect of Ship Sound on Calling Rates for the North Pacific Fin Whale
John	Ragland	University of Washington	OOIpy - A python package for accessing OOI data
Andrew	Reed	OOI - Coastal & Global Scale Nodes	The Carbon System and supporting data from the OOI Ocean Station Papa moorings.
Martin	Scherwath	Ocean Networks Canada, University of Victoria	Gas hydrate observatories: Long-term observations from gas hydrate systems on the Cascadia Margin
Meng	Xia	University of Maryland Eastern Shore	Numerical Modeling of the Maryland Coastal Bays
Maochuan	Zhang	University of Washington	Automatically focal mechanism at Axial Seamount