**Data Labs – OOI Data Explorations**

As of 1/6/2019

**Primary Production (2016)**

* Primary Production in General (concept map)
* Primary Production Variables (2 versions)
* Chlorophyll-a Across the Year
* Chlorophyll-a Across the Globe
* Chlorophyll-a in Temperate Zones of the Ocean
* Chlorophyll-a Near the Polar Zones of the Ocean
* Chlorophyll-a Inshore vs. Offshore

**Properties of Seawater (2017)**

* Seasonal Variation of Surface Salinity (E, A)
* Processes that Change Salinity (E)
* \*Changes in pH with Depth (E, A)
* \*Changes in pH and pCO2 (E)
* Changes in Salinity with Depth (E, A)
* Halocline (E, A)

*\*Note, pH data needs to be fixed*

**Tectonics & Seamounts (2017)**

* Plate Boundary Features (E, A1, A2)
* Geologic Features of a Seamount (E, A1, A2)
* Seamount Diking-Eruption Event Science (E, A)
* Seismic Features at a Seamount (E, A)
* Vent Video Frames (2 scenes + combined)

**Completed 2019 Activities**

* Anoxic Events (E?)
* Changes in Salinity (E, CI, A)
* Chlorophyll-a in Upwelling and Stratified Temperate Regions (E, A, A alt)
* Dynamic Air-Sea Interactions (E, CI, A)
* Thermohaline Circulation (E1, E2, I)

**Drafted / Revisions Pending**

* July: CO2 Exchange Between Air and Sea (2)
* July: Factors affecting Primary Production (2)
* July: Magma Movement and the Shape of the Seafloor (1)
* July: Tectonics and Tsunamis (1)
* Other: Chlorophyll-a and Nitrate

**Coming Soon**

* March: Ecosystem Vertical Structure
* March: Profiles of DO and Chlorophyll-a in the Open Ocean
* August: Drivers of Seawater Density (1 widget)
* August: Seasonal Variability In The Mixed Layer (3)
* August: Impacts of Ocean Acidification on Shellfish in the Pacific Northwest (2)

**Back Burner / Not likely**

* March: Changes in a hydrothermal vent community over time
* March: Seafloor Deformation
* July: Oceanographic Fingerprint of Hurricane Michael at the New England Shelf Break (1)
* August: Our Dynamic Ocean: Surface and Subsurface Interactions from Coast-to-Coast (3)
* August: Climate Patterns at Station Papa in the Gulf of Alaska (1)
* Other: Irminger Sea Jigsaw