

Sea Floor Graveyard - Extension Activity

Hypoxia - Understanding how to use data OOI provides

Elaborate using OOI data

1. The Ocean Observatories Initiative has a Data Explorer that anyone can use. [Click here](#) for the resource and describe three different things you see on the web page.

2. [Click here](#) for a video tutorial from Jonathan Fram who will show you how to use the data explorer. Follow the steps, answering the questions below as you move through the video.

- a. What kind of “story” are you exploring? _____

- b. Give a brief description of “fixed-depth assets”. _____

- c. How many years of data could you look at with the information available for the Oregon Shelf Surface Mooring? _____

- d. What is the significance of the positive or negative wind data? _____

- e. What does the gap in the Oregon Inshore Surface Mooring mean? Is that a big problem? Why or why not? _____

- f. How are the wind and temperature data correlated?

- g. Give a brief summary of how the wind, temperature, and oxygen all show upwelling happening. _____

- h. How might the data explorer and saving the data views be useful to scientists, fishermen, and people who use the water for recreational purposes? _____
