DEVELOPING CURRICULA THAT USES ANeMoNe TO EDUCATE STUDENTS

The intent of this National Estuary Program project is to develop grade-level appropriate climate change science curriculum with use of data and hands-on field observation at DNR’s Acidification Nearshore Monitoring Network (ANeMoNe) sites.

What we’re doing

DNR’s Aquatic Assessment and Monitoring Team (AAMT) has established a nearshore network of sites located from Nisqually to Cherry Point to monitor water quality and habitat changes. This Acidification Nearshore Monitoring Network (ANeMoNe) is regularly visited by a group of dedicated citizen science volunteers to check sensors, deployment lines and anchors. The goal of this project is to develop and implement primary and secondary school science curriculum to engage youth and educational organizations in local field activities using data from and locating projects at ANeMoNe sites.

How we’re doing it

The curriculum will be designed to reach the following audiences:

1. Elementary school grades 3-5
2. Middle School grades 6-8
3. High School grades 9-12

We will also host a teacher training workshop as well as a volunteer summit to help train partners on how to use the curricula and further engage with ANeMoNe.

WHY THIS ISSUE IS IMPORTANT

It is important to connect local students to their marine environment. Developing curricula using ANeMoNe helps to engage students in scientific inquiry, teach them about pressing environmental issues, and will ultimately help them to be more informed and inspired citizens.

WHAT YOU CAN DO

Come and be a part of the growing ANeMoNe volunteer network that helps us to gather vital data that is the basis of the curricula. Please reach out to us if you know of any resources that can help us develop effective curricula.

ABOUT DNR AAMT

DNR’s Aquatic Assessment and Monitoring Team (AAMT) strive to answer some essential questions regarding the natural resource management of aquatic lands in the state of Washington. The Acidification Nearshore Monitoring Network was established in 2015 to study climate change and ocean acidification.

FOR MORE INFORMATION

https://www.dnr.wa.gov/aamtvolunteer
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