


## Educator Exploration into the Mysteries of Fire Ice: *Cold Seeps and Chemosynthetic Communities*

Educators of grades 6-12 are invited to join a NOAA Ocean Exploration Facilitator on **April 6, 2023** at the **Dauphin Island Sea Lab** for a **90-minute, virtual professional development workshop**. Together we'll explore the wonder of cold seeps - investigating what are cold seeps, how and where do they form, and how do they support biologically diverse communities in the absence of sunlight?

This fun-filled, 90-minute virtual workshop will include:

- A brief video introduction to the geology and biology of cold seeps
- Demonstration of a student investigation designed to guide student sensemaking of cold seep phenomena
- Reflection and discussion with peer educators
- A guided tour of the free, online educational resources available from NOAA Ocean Exploration and the Deep Ocean Education Project website

Registration is **REQUIRED** and space is **LIMITED**. Registered educators will receive a collection of classroom-ready resources, a NOAA Ocean Exploration Certificate of Participation, and a \$75 stipend.



**April 6, 2023**  
4:30pmCST

**Online Event (Zoom)**  
*Link will be provided prior to the event*

**[REGISTER HERE](#)**



This NOAA Ocean Exploration professional development for educators is offered in partnership with the **Dauphin Island Sea Lab** and the National Marine Sanctuary Foundation.