

# Health of Puget Sound Institute:

## Applying GreenSTEM to the Sound



### Institute Outcome:

**Attendees will develop a STEM unit for their students while incorporating the technical design process (Application Standard) and connecting to scientists, state agencies, federal agencies, non-profits, tribes and authentic science research that helps Puget Sound.**

- Practice using the technical design process and develop a unit where students use the design process to participate in service learning projects to help the Puget Sound.
- Participate in field investigation training to get students to ask their own inquiry questions, set up their own investigations, analyze data, and write conclusions utilizing the environment.
- Experience on-the-water learning on board SEA's 65-foot marine education vessel *Indigo* using technology to investigate and understand Puget Sound's waters. (All day March 5 is spent on the water)
- Connect to area researchers, resource providers (Eco-Net), the Edmonds Community College, SEA and the Pacific Education Institute to better understand the complexity of the Puget Sound, the problems it faces and the opportunities for involving students in authentic science research and collaboration.



**Who:** 5<sup>th</sup> – 12<sup>th</sup> Grade Teachers

**When:** March 4, 5 and 6, 2011 -9:00 am-3:30pm (optional planning day March 16)

**Where:** Lively Environmental Center, Mill Creek, and March 5<sup>th</sup> on the *Indigo*

**\*Substitute reimbursement, lunches and 20+ free clock hours provided.**

**\*Opportunity to apply for watershed field experience mini grants.**

**\*FREE curriculum and materials from NOAA and the Pacific Education Institute**

**For more information or to register, contact:**

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