



**NOAA
FISHERIES**



**NOAA
SCIENCE
CAMP**

Washington Sea Grant

NOAA Education Council Briefing
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NOAA SCIENCE CAMP

- Location: NOAA Western Regional Center – Seattle, WA
- Started in 2003
- Middle School Science Camp
 - grades 6-8
 - two 1-week sessions
 - 9 am - 4 pm
 - 100 youth (~50 each week)
- Junior Leadership Program
 - grades 9-12
 - one 2-week session
 - 9 am - 4 pm
 - Up to 20 teens



PURPOSE

- Introduces middle-school and high-school youth to multi-disciplinary research, showing how NOAA research addresses real-world environmental issues (obj. 1.1)
- Engages campers in hands-on activities to explore the diversity of NOAA science and careers (obj. 1.1, 4.1)
- Provides a pipeline for youth to engage in NOAA science from middle school to high school and beyond (obj. 4.1)
- Improves science communication skills and networking for NOAA scientists (obj. 5.3)



NOAA SCIENCE CAMP HIGHLIGHTS

- Camp involves and integrates 12 NOAA offices and over 85 scientists annually
- Shows NOAA as one agency and how NOAA offices work together
 - Environmental scenario to tie activities together
- Structured to support pipeline
 - Campers → Junior Leaders → NSC staff or NOAA intern
- Annual innovations
 - Current events panels
 - STEM/Maker challenges
- Program evaluation



PRIMARY RESOURCES

- **Funding Source**
 - NOAA funding - local and HQ
 - 2007-12 funded solely by NOAA Fisheries
 - Partner funding – UW's WA Sea Grant, JISAO
- **Primary Organizers**
 - NOAA
 - WA Sea Grant
- **NOAA resources**
 - NOAA scientists
 - NOAA campus, labs, equipment



CRITICAL PARTNERSHIPS

Operational

- NOAA, WA Sea Grant Liaisons
- NOAA Science Camp Steering Committee
- Marketing partners - Expanding Your Horizons (Seattle University), Seattle Aquarium Summer Camp Program, Seattle Parks and Recreation

Scholarships, recruitment of underserved groups

- JISAO – annual scholarships
- Seattle MESA
- Tukwila School District
- Central Bering Sea Fishermen’s Association
- Thalassa Education and Outreach
- Eastside Audubon’s Education Program
- Solid Ground
- Rainier Scholars
- Amy McQuade Kids’ Camp Scholarships
- Yesler Terrace Youth Tutoring Program
- Boys and Girls Club of King County

Activities

- NANOOS
- Ocean Inquiry Project
- Salish Sea Expeditions
- Sail Sand Point
- UW School of Oceanography
- Atlantis Inc. ROV Team



NOAA EDUCATION PLAN CONNECTIONS



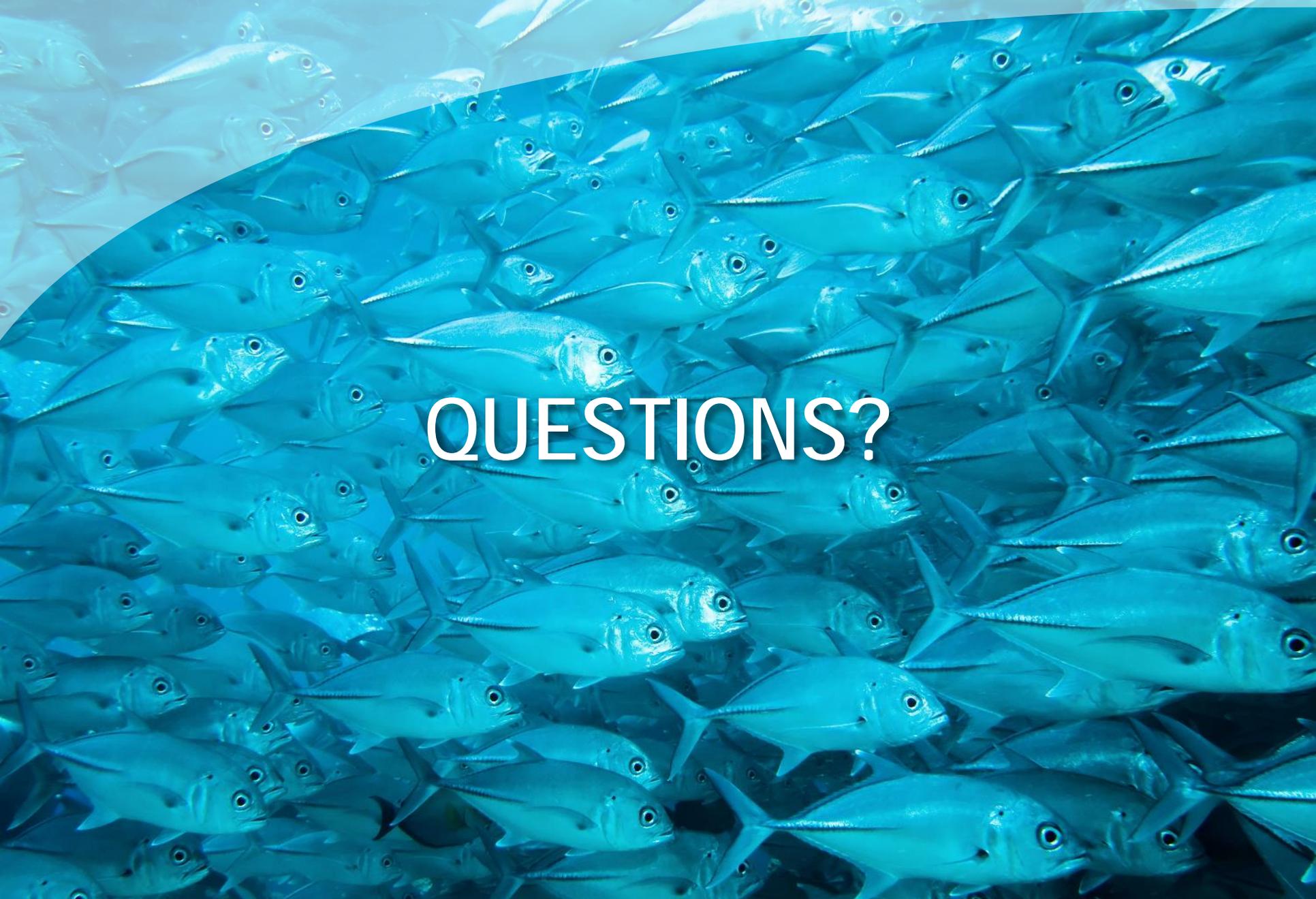
Primary Objectives:

- **Goal 1 - Science-Informed Society**
Obj. 1.1 - Youth/adults improve understanding of NOAA-related sciences
- **Goal 4 - Future Workforce**
Obj. 4.1 - Students, particularly from underrepresented groups, consider NOAA-related career pathways

Secondary objectives:

- **Goal 2 - Conservation and stewardship**
Obj. 2.1 - Youth/adults increase knowledge about conservation and stewardship practices and apply them to environmental issues
- **Goal 3 - Safety and Preparedness**
Obj. 3.1 - Youth/adults are aware of/prepare for environmental hazards
- **Goal 5 - Organizational Excellence**
Obj. 5.3 (collaboration), 5.4 (evaluation), 5.5 (coordinated portfolio of products, programs, and partnerships)





QUESTIONS?

