

Storming the Sound Breakout sessions

9:15 – 9:45: Keynote Address: (Multipurpose room): Presented by Kathy Fletcher, Executive Director, People For Puget Sound

“Restoring Puget Sound: Taking Action through Education, Outreach and Service”

There is a role for everybody in saving Puget Sound and by working together we can achieve this goal. Think about how your decisions as a consumer, homeowner, traveler, parent, student or voter affect the Sound specifically and the environment more broadly. Motivated consumers can change a market, educated homeowners can save a beach, and voters can elect Puget Sound champions. Kathy will share her perspective on what’s needed to achieve a healthy Puget Sound, focusing on the key role of educators in facilitating citizens and students to take action.

10:00 – 11:00: Session I

1a. WA Waters – Ours to Protect Campaign: (Room 167) Learn about the Department of Ecology's new online education campaign to help people learn about and change personal behaviors that pollute Puget Sound. Most people want to do the right thing; they just need to know what it is. The campaign uses community-based, social marketing tools that help remove barriers, making it easy for people to develop habits that foster clean water. See it at:

http://www.ecy.wa.gov/washington_waters/

Sandy Howard, WA Department of Ecology

1b. Service-Learning Eco-Fundraisers: ITSCOOL and Puget Sound Energy: (Room 168)

Building on successful grassroots models springing up around the country, Puget Sound Energy has partnered with WA Nonprofit ITSCOOL to sponsor service-learning fundraisers that educate youth and communities about climate change and distribute energy-saving technology like CFLs to reduce our region's carbon dioxide emissions. Come learn about this unique awareness-to-action opportunity that also raises money for your classes and groups!

Andrew Varyu, Puget Sound Energy

1c. Update from Office of Superintendent of Public Instruction (OSPI) Environmental & Sustainability Education Program: (Room 169)

OSPI program staff will provide an update on new and ongoing programs and initiatives in Environmental and Sustainability Education (ESE). Included will be the new draft ESE standards, a new CTE course in Sustainable Design and Technology, the Sustainable Design Project, and a new ESE teacher endorsement. Participants will have an opportunity to provide feedback on these new programs.
Gilda Wheeler, Office of Superintendent of Public Instruction

1d. Boats Afloat for Puget Sound: (Room 176): A panel discussion involving 3-4 programs run from boats (motor and sailing) involving youth and community on Puget Sound. Programs include; Sound Experience aboard the Adventuress, Salish Sea Expeditions aboard the Carlyn, Ocean Inquiry Project and possibly others. Panel members will introduce their unique programs and platforms, be involved in a facilitated discussion and answer questions from the audience. This is an opportunity to learn more about these programs, discover new hands-on education opportunities for teachers, and find best practices for similar organizations.

Brian Larsen Stafki, Sound Experience

1e. REYS: A Model for Incorporating Environmental Education into Community-based Habitat Restoration: (178): "Restoration Ecology for Young Stewards," or REYS, is an inquiry-and project-based curriculum that promotes stewardship by integrating restoration with environmental education. REYS models an authentic partnership between nonprofits, government, and schools. We will outline the methods used, including demonstrations and hands-on opportunities. REYS draws links between human actions and impacts on Puget Sound watersheds, and teaches students to think critically about challenges in salmon conservation.

Cara Ianni, Stilly-Snohomish Fisheries Enhancement Task Force

1f. Washington Green Schools Starts This Fall! (Library): The new Washington Green Schools program launches this fall for all schools in the state! Come hear about the results from the test project, see the web and program work, and discuss how it may benefit your audience.

Marcia Rutan, Seattle Public Utilities

11:15 – 11:45: Plenary with Julia Parish

(Multipurpose Room)

Can Citizens Do Science? : Making a Difference, Age 9 to 90.

With marine species and habitats in danger throughout the Sound, most people feel powerless to make a difference. How can "the rest of us" participate in the decision-process? Citizen Science is a grass-roots movement aimed at putting citizens and scientists together to create a rigorous and highly credible web of knowledge about our natural resources. Join Julia for an overview of citizen science making a difference in Puget Sound, and find out how you can get involved.

11:45 – 12:00: Plenary session: Building an Online Ocean Learning Community

Learn about Centers for Ocean Science Education Excellence (COSEE) new website designed to be a networking tool for ocean and marine scientists, members of marine volunteer organizations, educators, and citizens. The website includes ways for users to meet, share information and resources, learn about current research and be better connected around the ocean and Puget Sound.

Susan Bullerdick, COSEE-Ocean Learning Communities

12:00 – 1:00: Lunch/Poster Session

1:00 – 2:00: Session II

2a. Working together to save Puget Sound :(Room 167): This presentation explains the plan for education and outreach providers in saving Puget Sound and restoring its health for future generations. There are opportunities for all to be involved in effective and significant ways. How will we work together to rise above the priorities and agendas of any one person or organization and become strategic and coordinated about shifting the balance of health for the entire Puget Sound in a positive direction? It won't be easy but it is possible.

Kristen Cooley, Puget Sound Partnership

2b. Wastewater Treatment-a healthy Puget Sound starts with our drains and toilets: (Room 168):

How do each of us affect the cycle of clean water? Learn more about how wastewater treatment protects Puget Sound from the water we use every day. Session will look at water use and household pollutants with a focus on the importance of controlling pollutants at the source and water conservation. Session will include presentation, process samples, examples of resource recovery projects, information for teachers about classroom/curriculum topics and field trips. Session will be facilitated in an interactive question and answer format. Audience: anyone interested in learning more about what happens after you 'brush and flush'

Casey Plank, King County Wastewater Treatment Division

2c. Education-Environment-Economy (E3) Network Design Session: (Room 169):

In 2007 Environmental Education Association of Washington (EEAW) created an online searchable directory, the E3 Resource Center. In the first half of 2009 this tool and the E3 website will be updated into a state-of-the-art integrated set of online tools. The new site will be a high-end site that: 1) incorporates a new graphic look and feel based on the state E3 Washington plan and print marketing materials; and 2) facilitates dissemination, discovery and collaboration among network participants by providing opportunities for all to implement plans, publish, browse, search and edit a variety of resources relating to environmental and sustainability education resources/initiatives and the E3 plan implementation. Come see early designs and discuss the project as it unfolds.

Joshua Berger, EEAW

2d. Toxics in Puget Sound: (Room 176): This workshop covers the topic of the important toxic chemicals that impact Puget Sound and the connection of these chemicals to human health. This is an interactive workshop with activities and games, and we provide fully referenced information sheets on all the topics including:

- How toxic chemicals affect you and Puget Sound
- The top toxic chemicals and where they come from
- How to help prevent toxic overload to Puget Sound and yourself
- Tips on communicating this information to others

Heather Trim, People For Puget Sound

2e. Oysters for Salmon: Activating young people to Help Puget Sound: (Room 178)

Every Spring since 2006, the Oysters for Salmon Program has successfully recruited 50-70 students to help with the maintenance of pollution filtering oysters in a polluted harbor on Bainbridge Island. Prior volunteer recruitment for other programs provided significantly less participation, and less excitement than this one. Why did this particular program glean such higher numbers of really enthusiastic teenagers? It was surprising to us too, until we realized more about what draws out and activates kids. Come and see what didn't work for us, and then what did work for us, and we can brainstorm together about how to create similar programs, with high student participation, for your organization too.

Cara Cruickshank, Oysters For Salmon

2f. Invasive Species Information that will grow on you! :(Library): Come find out how the WA Invasive Species Council is working to cross pollinate and disseminate Invasive Species information throughout the State. In 2007 the WA Invasive Species Council was developed to help agencies and citizens coordinate efforts to slow the spread of invasive species. Come find out what they are working on and how you can incorporate invasive species information into your programs. Make sure to take seeds of knowledge home with you while learning how to prevent a pest.

Dana Coggon, WA Invasive Species Council

Break 2:00 – 2:15

2:15 – 3:15: Session III

3a. Getting Started with Program Evaluation: (Room 167): Would you like to know more about what your program participants, students, teachers or clients think about or learn from your programs? This session targets – Education and outreach providers that would like to evaluate programs but do not know where or how to begin. This session is designed to showcase resources that are available for developing simple assessment tools. Key questions to answer before starting an assessment will be shared. Participants will be able to:

- Understand how a Logic Model might be used at their site or location. Logic models will be explained and discussed as a means for focusing and organizing an evaluation
- Develop a simple “back-of-the-envelope” evaluation plan to implement back home

Participants should come with a particular program in mind that they would like to evaluate. **Space is limited to the first 20 participants to sign up upon arrival at the conference.**

Chuck Lennox, Cascade Interpretive Consulting LLC

3b. Sound Citizen and the Spices of Puget Sound: (Room 168): Join SoundCitizen to learn about spices in Puget Sound. Spices are organic chemicals found in nature and produced on industrial scales for use as flavoring agents in numerous products. A significant fraction of these compounds pass through sewage treatment processes and are present in Puget Sound. Our program, SoundCitizen, is a volunteer network of citizen scientist and encourages the collection of water samples from all around the Puget Sound basin. By creating awareness and generating interest in environmental spices, we are developing a base of citizens actively involved in the health of their local environment.

Brittany Kimball, Sound Citizen program coordinator

3c. Enhanced Public Participation Projects near an Urban Superfund Site: Environmental Justice and Youth Leadership: (Room 169): Learn about outstanding Seattle models of youth and adult involvement and leadership in environmental justice and river restoration. Environmental justice youth program coordinators provide innovative after-school program for youth, empowering students while increasing their understanding of the social context embedded in environmental justice issues. Learn about Duwamish River Cleanup Coalition’s outreach and education activities that include neighborhood stewardship events, developing a 'future vision' of the river valley, and leading a 12-week environmental justice youth corps.

Cari Simson, Duwamish River Cleanup Coalition

3d. Natural Connections: a model program for leading inquiry-based field studies: (Room 176): Using a local middle school as a model, this program highlights classroom and school yard lessons that prepare students for a multi-day inquiry-based field investigation. This session includes program implementation and provides free curriculum. Best practices for facilitating open inquiry and supporting the selection and pursuit of a testable question will be discussed.

Eva Foster, Olympic Park Institute

3e. NatureMapping for Beaches: Stewardship through Citizen Science for Puget Sound: (178): Participants will discover how to engage citizens of all ages to explore the beaches and waters of Puget Sound and make a difference! The WA Department of Fish and Wildlife will pilot two new initiatives this year including the NatureMapping Beach Monitoring Protocols and the Puget Sound Marine Dive Map. Through recreation and exploration, citizens can inventory the species of Puget Sound in order to contribute meaningful data the NatureMapping statewide database. This session will address how students, adult volunteers, and families can get involved to protect the diverse species and habitats that make-up our majestic Puget Sound!

Nicole Ricketts, WA Dept of Fish and Wildlife:

3f. Engaging University Students in Environmental and Sustainability Education (Library): This session will highlight the University of Washington Pipeline Project's service-learning initiatives in connecting undergraduate students to environmental and sustainability education opportunities. Two programs in specific will be featured: Pipeline's Environmental Alternative Spring Break (ASB) and Pipeline's Environmental Education seminar. This highly interactive workshop will share the lessons learned in creating these service-learning experiences and provide handouts covering seminar curriculum, as well as ASB program materials.

Francesca Lo, University of Washington

3:15 – 3:25: Plenary Session with Josh Berger

E3 Update: (Multipurpose Room)

E3 Washington: Education-Environment-Economy for all, is making steady progress to define and catalyze a system of education that will support healthy, prosperous people, communities and economies; "a new system of education for a new world". Come find out why author Frances Moore Lappe says "E3 Washington is "the rare intersection between ecological awareness and a living democracy" and share your ideas.

Joshua Berger, EEAW

Reflection/Closing 3:25 – 3:30