



2025 CHRN Annual Meeting - Participant Agenda

Join coastal decision-makers, planners, resource managers, researchers, and other practitioners for a day of knowledge sharing and partnership-building around the exciting and important work that is currently happening in Washington's coastal resilience space.

Meeting Details

Date: Monday, June 9, 2025

Time: 8:30 am - 5:00 pm (Off-site no-host Happy Hour to follow at Top Rung Brewing)

Location: In-person at the Lacey Community Center (6729 Pacific Ave SE, Lacey, WA 98503)

Meeting Mission Statement

Empowering practitioners and communities to creatively navigate uncertainties and holistically address coastal climate resilience challenges.

Meeting Goals & Objectives

1. *Leveraging the Network* - Attendees will strengthen existing relationships and make meaningful new connections with CHRN Members; improve collaboration across sectors for collaborative resilience efforts; and leave with a clear understanding of where to access resources and how to leverage existing knowledge within the network.
 2. *Navigating Change* - Attendees will build strategies to navigate uncertainties and adapt to changing regulatory landscapes and related future funding challenges for coastal resilience.
 3. *Incorporating Holistic Approaches* - Attendees will gain insights into approaching coastal resilience through a holistic lens that helps translate coastal resilience planning into actionable strategies, including maximizing impact, identifying integration points between projects, and exploring opportunities for multi-hazard and multi-benefit projects.
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Agenda

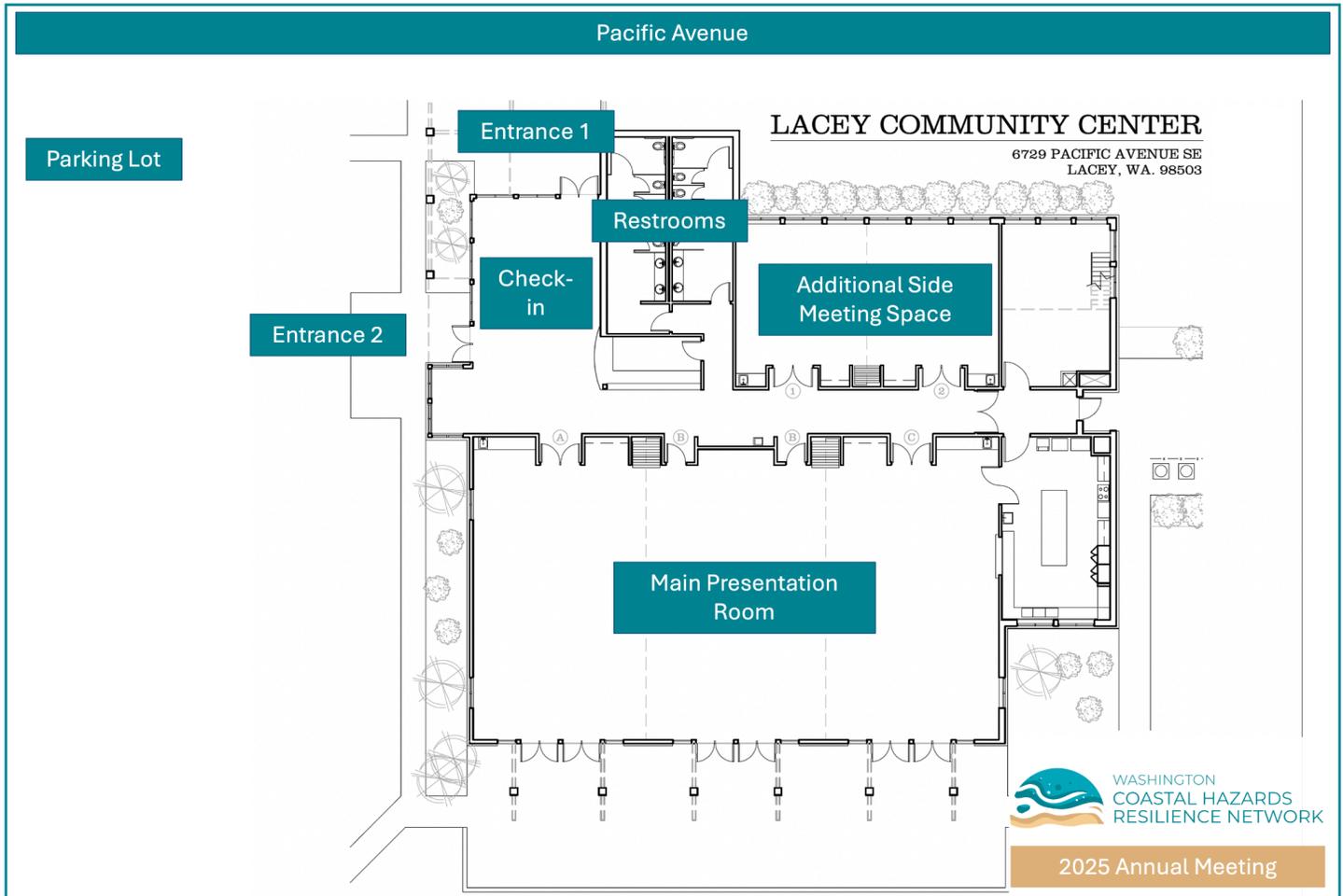
Time	Topic, Speakers, & Info
8:30 - 9:00 am	CHECK-IN, LIGHT REFRESHMENTS, AND CONNECT <i>Format: Activity - Networking BINGO & CHRN Buddy Meet-up</i>
9:00 - 9:40 am	SESSION 1: WELCOME <i>Format: Presentations</i> <ul style="list-style-type: none"> ● Chandler Countryman (WSG) Kickoff and Introductions ● Ellen Chappelka (EMD) Intro to CHRN and Overview of the Annual Meeting ● Kate Litle (WSG) Welcome Address - Celebrating Success & Navigating Change
9:40 - 10:45 am	SESSION 2: HOLISTIC APPROACHES TO COASTAL RESILIENCE <i>Format: Presentation and Panel Q&A, Facilitator: Chandler Countryman (WSG)</i> <ul style="list-style-type: none"> ● Steve Moddemeyer (Collinswoerman) This Moment: Uncertainty, Identity, and Patterns of Coastal Resilience ● Kevin Decker (WSG) Integrating Economic Resilience into Coastal Hazard Planning ● Deb Witmer (WA COM) Innovative State Agency Approaches to Climate and Energy Resilience
10:45 - 11:00 am	BREAK
11:00 am - 12:00 pm	SESSION 3: ACTIVITY - CHALLENGE HACKATHON/KNOWLEDGE SPEED NETWORKING <i>Format: Small Group/Roundtable Activity, Facilitators: Ellen Chappelka (EMD) and Sara Brostrom (Pad Bay)</i>
12:00 - 1:00 pm	LUNCH
1:00 - 1:45 pm	SESSION 4: CELEBRATING NEW OPPORTUNITIES IN WA - NOAA CRRC AWARD <i>Format: Lightning Talks</i> <ul style="list-style-type: none"> ● Jay Krienitz, Julia Stinson-Ebert (ECY) Introduction to the NOAA Climate Resilience Regional Challenge grant awarded to WA ● Ryan Hasert, Carlie Stowe, Noelania Villa (CIG) Scaling Coastal Resilience and Empowering Tribal Resilience through Adaptation Funding ● Becky Bronstein (WSG) Building Capacity through the Washington Sea Grant Coastal Resilience Fellowship ● Drew Cassidy, Daniel Salazar (CCW) Career Connect Washington (CCW) Pathways for Coastal Resilience
1:45 - 2:45 pm	SESSION 5: HIGHLIGHTED EFFORTS THROUGHOUT THE NETWORK <i>Format: Lightning Talks, Facilitator: Ellen Chappelka (EMD)</i> <ul style="list-style-type: none"> ● Rebecca Rothwell (ECY) SMA Rulemaking: Focus on SLR ● Matt Lurie (WDFW) Reflections from the HSIL 2024 Fall Forum: Planning for Sea Level Rise and Climate Related Hazards to Nearshore Habitat in Puget Sound ● Cynthia Toop (Hoh Tribe) Hoh Tribe Village Relocation Project Implementation
2:45 - 3:00 pm	BREAK
3:00 - 4:20 pm	SESSION 6: INNOVATIVE COASTAL RESILIENCE PROJECTS <i>Format: Round Table World Cafe. Each meeting attendee can attend a total of 3 presentations from the 17 options. See table presentation details on pages 5-7</i>
4:20 - 4:35 pm	SESSION 7: CLOSING - LOOKING FORWARD AND CALL TO ACTION <i>Format: Presentation, Facilitator: Noah Linck (ECY)</i> <ul style="list-style-type: none"> ● Anne-Marie Marshall-Dody (EMD) Homegrown Pathways to Resilience ● Noah Linck (ECY) Wrap-up & Closing Remarks
4:35 pm	Adjourn
5:00 - 6:30 pm	Post-Event Happy Hour <i>No-host Happy Hour, Location: Top Rung Brewing (8343 Hogum Bay Ln NE, Lacey, WA 98516)</i>

Event and Venue Details

Venue Address: [Lacey Community Center](#) (6729 Pacific Ave SE, Lacey, WA 98503)

Parking: Free parking on site

Venue Layout:



Food and Drink Provided:

- Light refreshments, coffee, and tea will be provided throughout the day
- Lunch will be provided and is being catered by [Off the Rez](#) - diet friendly options will be available

Other Accommodations:

- Presentation slides will be provided to all attendees in digital format to access the day of the event
- A separate meeting room at the venue is available for use throughout the day for attendees

This event is guided by a Code of Conduct. Learn more here: <https://wsg.washington.edu/about-wsg/code-of-conduct/>

Presentation Descriptions

SESSION 1: WELCOME

Presenter: Kate Litle (WSG)

- Presentation Title: - ***“Celebrating Success & Navigating Change”***
- Description: As we look back on 12 years of CHRN, we are proud to celebrate many success stories of sharing lessons learned, building relationships and partnerships, and supporting the advancement of notable coastal resilience work in the state. Uncertainties around federal funding and shifting national priorities are causing concern for the future of many programs and efforts in Washington that have been instrumental in the ability of our coastal communities to be resilient and adapt to coastal hazards. This welcoming address will highlight CHRN success stories and past growth and open dialogue about what the future of coastal resilience can look like in Washington.

SESSION 2: HOLISTIC APPROACHES TO COASTAL RESILIENCE

Presenter: Steve Moddemeyer (Collinswoerman)

- Title: ***“This Moment: Uncertainty, Identity, and Patterns of Coastal Resilience”***
- Description: Steve Moddemeyer will sketch out his application of socio-ecological resilience using shared values linked to local challenges, community identity, and creating patterns of resilience that can accelerate community recovery from compound and cascading disasters.

Presenter: Kevin Decker (WSG)

- Title: ***“Integrating Economic Resilience into Coastal Hazard Planning”***
- Description: This presentation will introduce tools for integrating economic analysis into coastal resilience planning, helping to make stronger cases for funding, policy, and on-the-ground action.

Presenter: Deb Witmer (WA COM)

- Title: ***“Innovative State Agency Approaches to Climate and Energy Resilience”***
- Description: The coastal erosion our WA communities are experiencing seems an ironic metaphor for the ways in which the world around those of us doing this resilience work is also radically changing. Funding and ideological changes on the federal level, together with the current fiscal realities in our state, have required the Department of Commerce to take fresh and creative approaches to achieving our climate and energy resilience goals. This presentation will share some of our current strategies, initiatives, and collaborative partnerships with which we continue to move WA state forward in that work.

SESSION 4: CELEBRATING NEW OPPORTUNITIES IN WA - NOAA CRRC AWARD

Presenter: Jay Krienitz, Julia Stinson-Ebert (ECY)

- Title: ***“Introduction to the NOAA Climate Resilience Regional Challenge grant awarded to WA”***
- Description: This presentation will provide an overview of the NOAA Climate Resilience Regional Challenge grant, which awarded ~\$74 Million to the Washington State Coastal Climate Resilience Initiative. This grant is advancing integrated and equitable coastal management priorities related to coastal hazards across Washington’s diverse marine shorelines.

Presenters: Ryan Hasert, Carlie Stowe (CIG)

- Title: ***“Scaling Coastal Resilience”***
- Description: As part of the CRRC award, the UW Climate Impacts Group is compiling a coastal resilience knowledge baseline for Washington, developing case studies on coastal resilience governance, documenting best practices and lessons learned from partnership efforts, and creating publications to inform partnership strategies, governance, and policies.

Presenter: Noelania Villa (CIG)

- Presentation Title: ***“Empowering Tribal Resilience through Adaptation Funding”***
- Description: As part of the CRRC award, the UW Climate Impacts Group is developing a small grants program for coastal Tribes to support Tribal capacity for climate adaptation.

Presenter: Becky Bronstein (WSG)

- Title: ***“Building Capacity through the Washington Sea Grant Coastal Resilience Fellowship”***
- Description: As part of the CRRC award, Washington Sea Grant is starting a new Coastal Resilience Fellowship program to support local capacity in Washington’s coastal communities working on coastal resilience efforts.

Presenters: Drew Cassidy, Daniel Salazar (CCW)

- Title: ***“Career Connect Washington (CCW) Pathways for Coastal Resilience”***
- Description: As part of the CRRC award, Career Connect Washington is developing climate resilience career pathways to support workforce development.

SESSION 5: HIGHLIGHTED EFFORTS THROUGHOUT THE NETWORK

Presenter: Rebecca Rothwell (ECY)

- Title: ***“SMA Rulemaking: Focus on SLR”***
- Description: The presentation will cover Ecology’s process and timeline for updating the rules under the Shoreline Management Act. The focus will be on a new rule section that will require local governments to update their shoreline master programs to address the impact of sea level rise and increased storm severity on people, property, and shoreline natural resources and the environment.

Presenter: Matt Lurie (WDFW)

- Title: ***“Reflections from the HSIL 2024 Fall Forum: Planning for Sea Level Rise and Climate Related Hazards to Nearshore Habitat in Puget Sound”***
- Description: The Habitat Strategic Initiative Lead (HSIL) 2024 Fall Forum brought together over 200 planners, scientists, policy experts, and restoration practitioners from across Puget Sound to advance coastal resilience in the face of sea level rise and other coastal hazards, with a specific focus on the protection and restoration of nearshore habitats and the biodiversity they support. This presentation will discuss key takeaways from the Forum Synthesis Report and connections to HSIL work.

Presenter: Cynthia Toop (Hoh Tribe)

- Title: ***“Hoh Tribe Village Relocation Project Implementation”***
- Description: Effective coordination among stakeholders is crucial for the successful implementation of village relocation projects. Key challenges include managing community expectations, coordinating the team of engineers and contractors, logistical complexities, and ensuring sustainable development. Addressing these challenges requires meticulous planning, transparent communication, and adaptive strategies to meet the diverse needs of the community.

SESSION 6: INNOVATIVE COASTAL RESILIENCE PROJECTS (Roundtable World Cafe)

Each meeting attendee can attend a total of 3 presentations from the following options:

Table 2 | Hoh Tribe Climate Change Vulnerability Assessment

- Presenter: Hannah Tennent (Hoh Indian Tribe)
- Description: Check out the Hoh Tribe’s newly completed vulnerability assessment and learn about the issues they are facing, as well as resilience strategies. Join a discussion and share your experiences around all things vulnerability assessment, from best interview and survey practices to scoping and next steps.

Table 3 | Moving forward: WSDOT’s Climate Resilience Work

- Presenters: Sue Kanzler, Jenni Dykstra, Chelsea Buchanan (WSDOT)
- Description: Learn more about the Washington State Department of Transportation’s (WSDOT) climate resilience efforts, including vulnerability studies, Transportation Resilience Improvement Plan (TRIP), and some examples of climate resilient adaptation projects using nature-based solutions.

Table 4 | CoSMoS-Adapt: quantifying the risk reduction benefits of coastal adaptation solutions

- Presenter: Patrick Barnard (UCSC Center for Coastal Climate Resilience)
- Description: The UC Santa Cruz Center for Coastal Climate Resilience is leveraging the foundational model infrastructure of CoSMoS, in partnership with USGS, to identify the risk reduction benefits of a variety of Nature-based Solutions and grey solutions for coastal communities. In this roundtable, we will discuss the specific needs of decision-makers in Washington, and how CoSMoS-Adapt can directly support climate adaptation planning, policy, and project implementation.

Table 5 | CWERP: Filling Data Gaps for Better Resilience Permitting

- Presenters: Lauren Bauernschmidt, Wendel Raymond (WDFW)
- Description: Dynamic Revetments have become a new method of shoreline armoring that marries natural process mimicking with effective shoreline protection and has shown success in preventing erosion. But does the biology benefit or suffer? And how does that affect regulatory actions?

Table 8 | A New Shoreline Condition Survey for Puget Sound

- Presenters: James Dietrich, Hannah Drummond (ECY)
- Description: A brief presentation on Ecology's new reference shoreline, shoreline condition survey, and imagery datasets to document the shoreline modifications throughout Puget Sound. A discussion with participants about future data needs of the community that could be included in future updates.

Table 9 | Community-driven Resilience Projects (COHORT)

- Presenters: Olivia Zimmerman, Henry Bell (ECY), Kayla Wells-Yoakum (WSU), Sanpisa Sritrairat (WSG)
- Description: Talk through your community or organization's coastal resilience priorities with an interagency team of specialists. This discussion is led by the Coastal Hazards Organizational Resilience Team (COHORT).

Table 10 | Piloting Loans: Enabling more Shore Friendly – Challenge and Opportunity

- Presenter: Kelly McCaffrey (WDFW)
- Description: WDFW was awarded funds to pilot lending for residential shoreline resilience and working out the best way to do that at County level. Puzzling through a simple loan structure with county on 1-3 projects or more long term roadmap with District-type options. Participants of Interest: Anyone welcome, but county/city staff especially. Following the septic lending model that started locally at counties that many transferred up to State and considering districts are well within the county realm of governance.

Table 11 | From Models to Mitigation: How tsunami science and emergency management provides a useful framework for other hazards

- Presenters: Elyssa Tappero (EMD), Daniel Eungard (Washington Geological Survey)
- Description: Among hazards Tsunamis has a unique confluence of science and emergency management that is unlike any other hazard in the PNW. There are a great number of advantages (and some drawbacks) to this approach and this roundtable will explore what works well with this model, and what does not so that professionals in other coastal hazards can incorporate the best practices into their work.

Table 13 | Shape the Future: Your Input on the Coastal Training Program's Next Five Years

- Presenters: Sara Brostrom (Pad Bay), Sydney Fishman (WSG)
- Description: The Coastal Training Program is currently drafting its strategic plan for the next five years, and we want to hear from you! Please join this session to learn more about the Coastal Training Program and share your valuable insight on how the program can best support your work along Washington's shorelines. The Coastal Training Program provides training opportunities for people who work along Washington's shorelines.

Table 15 | Port Of Port Townsend Sea Level Rise Project – After BRIC, What's Next?

- Presenter: Dave Nakagawara (Port of Port Townsend)
- Description: The Port of Port Townsend set forth in 2023 to apply for a Building Resilience in Communities (BRIC) grant through EMD to FEMA for a coastal flooding protection project to protect 1.5 miles of Port Townsend's southern coastal shoreline. BRIC was cancelled by FEMA on April 4th of this year, yet the threats posed by coastal flooding and sea level rise still exist. A significant amount of consultant and staff time (Port and EMD) went into the assemblage of a grant application, and many other applicants as well. Was it worth it? What steps are next? Are there any lessons learned through the process that can be shared?

Table 17 | Grays Harbor County Sea Level Rise Vulnerability Assessment and Adaptation Study - Interactive Session

- Presenter: Abby Gertz (Moffat & Nichol)
- Description: Interactive session on identifying multi-benefit adaptation pathways for an area of interest as part of the Grays Harbor County SLR vulnerability and adaptation study.

Table 18 | Forging Working Relationships in Rural Communities

- Presenter: Connie Allen (Wash Away No More), Scott Boettcher (SBGH-Partners)
- Description: Sharing lessons learned while uniting diverse folks behind coastal resilience.

Table 19 | Understanding the Landscape of Sea Level Rise Vulnerability Assessments in the Pacific Northwest

- Presenter: Rachel Luther, Teagan Darmody (UW)
- Description: This presentation will focus on our comparative analysis of sea level rise vulnerability assessments completed by cities, counties, and Tribes in Washington, Oregon, and British Columbia. This research aims to systematically review the elements of vulnerability assessments and develop a set of best practices for assessing vulnerability to sea level rise.

Table 20 | Large Scale considerations in Alternative Analysis for Shoreline Protection Projects

- Presenter: Larry Dominguez (EcoAssets Environmental)
- Description: Historic, baseline, site potential and current natural processes are all factors to consider in dynamic shorelines. The discussion will consider ways to facilitate design and feasibility discussions that align property owners, assessments, satisfying design guidelines and regulatory requirements of coastal protection projects.

Table 21 | Whatcom County Future Shorelines Project

- Presenters: Rachel Johnson (Herrera), Chris Elder (Whatcom County)
- Description: Join for a mini-presentation and discussion around flood vulnerability, adaptation planning, and policy. Whatcom County and its partners are completing first-of-its-kind vulnerability assessment (assessing climate change-related coastal and riverine flooding and erosion) and designing decision-support tools and adaptation and policy strategies to support resilient shoreline communities.

Table 22 | Past, Present, and Future restoration of the southern Bellingham Bay shoreline

- Presenter: Gabriel Garcia Medina (Natural Systems Design)
- Description: The discussion will cover a brief history of the development and activities that led to the contamination of Bellingham Bay. The design, construction, and performance of the first recovered beach on the southern Bellingham Bay shoreline will serve as a case study. The discussion will continue with the design of two new beaches that are scheduled to begin construction later this year. Finally, we will talk about the design considerations for resilience to sea level rise, recreational access, and habitat restoration as part of the projects.

Table 23 | Achieving coastal resilience outcomes while balancing multiple stakeholder needs

- Presenters: Greta Holmstrom (Pierce County), Lindsey Sheehan (ESA)
- Description: Presentation and discussion on strategies for success working collaboratively to address coastal flood hazards. Learn from past projects and discuss ideas.

SESSION 7: CLOSING - LOOKING FORWARD AND CALL TO ACTION

Presenter: Anne-Marie Marshall-Dody (EMD)

- Title: *“Homegrown Pathways to Resilience”*
 - Description: Anne-marie Marshall-Dody will speak on ways Washington communities can build resilience without Federal government aid. She will also include closing remarks of hope and optimism for the future pathways to resilience for Washington state.
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Acknowledgments

A Network is nothing without people. Thank you to all attendees, speakers, notetakers, and participants for dedicating your time and sharing your knowledge with others in the Network. Notably, the 2025 CHRN Annual Meeting would not have been possible without the help of the 2025 CHRN Steering Committee and other additional supporters, listed below.

2025 CHRN Annual Meeting Steering Committee

**also a presenter*

Connie Allen*
Henry Bell
Ali Burgos

Kevin Decker*
Matt Lurie*
Bridget Moran

Hannah Tennent*
Natalie Weiss
Kayla Wells-Yoakum*

Presenters & Facilitators

Patrick Barnard
Lauren Bauernschmidt
Scott Boettcher
Becky Bronstein
Sara Brostom
Chelsea Buchanan
Drew Cassidy
Teagan Darmody
James Dietrich
Hannah Drummond
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Lindsey Sheehan
Sanpisa Sritrairat
Julia Stinson-Ebert
Carlie Stowe
Elyssa Tappero
Cynthia Toop
Noelani Villa
Deb Witmer
Olivia Zimmerman

Question, comments, or ideas for next year?

Fill out our Post-Meeting Survey here: <https://tinyurl.com/CHRN-survey-2025>
or send questions/comments any time via email to Noah Linck at: nlin461@ecy.wa.gov

The CHRN is co-led by the Washington Department of Ecology, Washington Sea Grant, and the Washington Emergency Management Division. Funding for CHRN and this year's Annual Meeting come from the Department of Ecology, Washington Sea Grant, and WSU's COHORT funding.