Welcome

YOU ARE IN THE RIGHT SPOT. WE WILL START AT 9:00 AM.

Adaptive Management Interactive Workshop

MARCH 24, 2021
Welcome to
Adaptive Management Interactive Workshop

Chat is turned on

Rename self
Name, Jurisdiction or Organization

Chat is turned on

Click to see
Closed Caption text
2021 Critical Areas and Shoreline Monitoring & Adaptive Management Online Workshops

How to Successfully Protect Critical Areas and Shorelines: A Step-by-Step Introduction to Monitoring and Adaptive Management

January 13, 2021

Visit Project Website for More Information

This project has been funded wholly or in part by the United States Environmental Protection Agency under assistance agreement PC-01J2230116-05251 through the Washington Department of Fish and Wildlife.

The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency or the Washington Department of Fish and Wildlife, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

### Workshop Wednesday Series Lineup

Register using Zoom.

- **January 13** - 9:00 a.m. - 11:00 a.m.
  - How to Successfully Protect Critical Areas and Shorelines: A Step-by-Step Introduction to Monitoring and Adaptive Management

- **January 20** - 9:00 a.m. - 11:00 a.m.
  - Setting the Stage: Successful adaptive management and critical areas monitoring program basics

- **January 27** - 9:00 a.m. - 11:00 a.m.
  - Wetlands

- **February 3** - 9:00 a.m. - 11:00 a.m.
  - Geologically Hazardous Areas

- **February 10** - 9:00 a.m. - 11:00 a.m.
  - Fish and Wildlife Habitat Conservation Areas

- **February 17** - 9:00 a.m. - 11:00 a.m.
  - Frequently Flooded Areas

- **February 24** - 9:00 a.m. - 11:00 a.m.
  - Critical Aquifer Recharge Areas (CARAs)

- **March 3** - 9:00 a.m. - 11:00 a.m.
  - Shorelines

- **March 10** - 9:00 a.m. - 11:00 a.m.
  - Permit Implementation Monitoring Tools

- **March 17** - 9:00 a.m. - 11:00 a.m.
  - CAF Performance Indicators

- **March 24** - 9:00 a.m. - 11:00 a.m.
  - Adaptive Management Interactive Workshop

*Note: Workshop names may change but topic will stay the same.*
American Planning Association
Education Credit

GO TO: HTTPS://PLANNING.ORG/EVENTS/EVENTMULTI/9210027/

American Planning Association
Education Credit

Education and Events
- Online Education
- Educational Events
- National Planning Conference
- Policy and Advocacy Conference
- Speaker Directory
- Chapters
- Calendar of Events

Home » Education and Events » Educational Events »
2021 Critical Areas and Shorelines Monitoring and Adaptive Management Online Workshops

APA Washington Chapter

Overview:
In partnership with the Washington State Department of Ecology and the Washington State Department of Fish and Wildlife, the Washington State Department of Commerce is developing an online workshop series on the state's coastal critical areas and shoreline management. The workshops will provide technical assistance for local government planners seeking to develop comprehensive monitoring and adaptive management plans for the critical areas and shorelines in their jurisdictions.

Land Acknowledgment

Discover which tribal lands you reside on by text your zip code to (855) 917-5263.
Poll

What size jurisdiction do you work with?
What is your role?
How long have you worked on critical areas?
How useful did you find the information you received during this series?

Meet Your Presenter

Dave Andersen serves as the Managing Director for the Washington Department of Commerce, Growth Management Services office. Dave has been with the Department of Commerce since 2001, starting as the agency’s transportation policy specialist.

Dave is an adjunct lecturer in the Urban and Regional Planning program at Eastern Washington University. Dave is also past president of the Inland Empire section of the American Planning Association.

Dave managed the review and update of the agency’s administrative rules implementing the Growth Management Act. In 2010, Dave was awarded the Washington APA’s Meyer Wolfe Award for Professional Achievement for his work on the rule update. Dave was also the principle author in the 2012 update to the department’s transportation element guidebook.

Prior to joining Commerce, he spent seven years as a transportation planner at Pierce Transit. Dave holds a Masters in Urban and Regional Planning from the University of Iowa, and a Bachelor’s Degree in Planning from Augustana College.
Meet Your Presenter

Tim Gates has three decades experience in shoreline and growth management planning. He is currently Policy and Operations Manager for the Washington Department of Ecology Shorelands & Environmental Assistance Program. Prior to his current position he worked for nine years as land use planner for the Washington Department of Commerce Growth Management Services program, where he provided technical and financial assistance to local governments. He worked for Ecology’s shoreline program from 1989 through 2005 developing state rules, preparing guidance and providing technical and financial assistance.
Shoreline Management Act (SMA): 50th Anniversary
Growth Management Act (GMA): 30th Anniversary

The next 30 years

Monitoring & Adaptive Management of shoreline and critical area regulations

Tim Gates, AICP
Policy & Operations Manager
Shorelands & Environmental Assistance Program
1971-1991: founding phase

- Water-Dependent Uses
- Environment
- Public Access

Tailored SMPs for 260 diverse communities

1991-2003: transition phase


SMA founding period


SMA founding period  SMA rules

The challenge of population growth

The population growth is the most significant challenge facing coastal managers today. Over the past 50 years, the population of the SMA area has more than doubled, from approximately 50,000 in 1970 to over 100,000 in 2020. This growth has put pressure on the existing natural resources, leading to increased demand for water, land, and other coastal resources.

- Water-Dependent Uses
- Environment
- Public Access

Tailored SMPs for 260 diverse communities


SMA founding period


SMA founding period  SMA rules

The challenge of population growth

The population growth is the most significant challenge facing coastal managers today. Over the past 50 years, the population of the SMA area has more than doubled, from approximately 50,000 in 1970 to over 100,000 in 2020. This growth has put pressure on the existing natural resources, leading to increased demand for water, land, and other coastal resources.
Salmon recovery focus

Managing shoreline plants
The existing guidelines do not include measures for protecting shoreline plants. Plant roots keep banks from eroding and create habitat for fish, and their leaves shade the water, keeping it cool and rich in oxygen. (inset: a tree)

Slowing bulkhead sprawl
Under the proposed guidelines, local master programs would need to take stricter measures to slow the spread of bulkheads and other "hard" shoreline armoring.

SMA founding period

SMA rules

1970
1980
1990
2000
2010
2020
2030
2040
2050

2001: Adoption of Path A and Path B

Ecology adopts new shoreline master program guidelines
- Path A: Path B
- Path C
- Path D

2002: Adoption of Path A and Path B
- Path A: Path B
- Path C
- Path D

2003: Adoption of Path A and Path B
- Path A: Path B
- Path C
- Path D

2004: Adoption of Path A and Path B
- Path A: Path B
- Path C
- Path D

2005: Adoption of Path A and Path B
- Path A: Path B
- Path C
- Path D

Shoreline rule adopted
Salmon recovery focuses on reducing habitat destruction caused by bulkheads, dikes, and shoreline armoring. This goal requires an adaptive approach to shoreline management, involving regular updates to the rules over time.

Ecological functions
In the context of bulkheads, the importance of ecological functions is central to the decision-making process. The proposed guidelines need to consider how bulkheads impact these ecological functions, such as erosion control, habitat preservation, and water quality.

Charcoal Migration Zones
These zones are designed to protect areas with high potential for charcoal migration. Conservation efforts are focused on minimizing the impacts of charcoal on the surrounding ecosystems and wildlife.

Outcomes of the guidelines
The proposed changes aim to balance development needs with ecological sustainability, ensuring that future developments respect the natural habitats and ecological functions of the area.

Yards sign protesting SMP rules

Our state government is being run by environmental communists

3/23/2021
53 parties cross-appealed to Superior Court

100 Friends of Washington
Adams County
Associated General Contractors of Washington
Association of Washington Business
Balsa Marine, Inc.
Benton County
Black Hills Audubon Society
Building Industry Association of Washington
Chelan County
Chelan County
Citizens for Responsible Development
Citizens Growth Management Coalition
City of Hoquiam
City of Ocean Shores
City of South Bend
Clark County Natural Resources Council
Columbia County
Dough Canoeing
Fidalgo Island
Ferry County
Franklin County

Friends of Grays Harbor
Friends of the San Juan
Grant County
Hood Canal Environmental Council
Independent Business Association of Washington
Island County
Jefferson County
Kettle Range Conservation Group
Kittitas Audubon Society
League of Women Voters of Washington
Mason County
National Association of Industrial and Office Properties
National Audubon Society
National Federation of Independent Business
Northwest Marine Trade Association
Pacific County
Pend Oreille County
People for Puget Sound
Rene Ranch
Save a Valuable Environment
Skagit County
State of Washington, Department of Ecology
Stevens County
Thurston County
United Property Owners of Washington
Wahkiakum County
Washington Aggregates and Concrete Association
Washington Association of Realtors
Washington Cattlemen’s Association
Washington Conservation Voters – Island County Chapter
Washington Contract Loggers Association
Washington Environmental Council
Washington Public Interest Research Group
Washington State Farm Bureau
Washington State Grange
Whidbey County
Wildlife Forever of Grays Harbor

2002

Gov. Gary Locke Announces Important Agreement on Shoreline Guidelines

OLYMPIA – Dec. 20, 2002 – Gov. Gary Locke today announced that the state has reached a long-awaited agreement on Washington’s shoreline management guidelines. Locke was joined at a news conference in Olympia by representatives of business, environmental groups and local government who participated in the negotiation.

“This important agreement will help us move forward to protect our shorelines,” Locke said. “By bringing businesses and environmentalists together, we have proven that we can achieve consensus on even the most controversial issues.”

The state’s Shoreline Management Act directs the Department of Ecology to adopt guidelines for how to satisfy the protection standards contained in the act, and requires cities and counties to adopt local shoreline ordinances that comply with the state guidelines.

Two years ago, the state Department of Ecology updated the state’s shoreline management guidelines for the first time since 1972. However, a coalition of business groups and local governments challenged the guidelines, and the Shoreline Hearings Board subsequently invalidated them. Ecology Director Tom Fitzsimmons asked Locke and Attorney General Christine Gregoire to sponsor mediation talks aimed at reaching a legal settlement.

“The successful mediation avoided further litigation that would have been costly and time consuming for all parties,” Gregoire said. “This is an example of how business, environmentalists and local governments can work together to achieve their mutual goals.”
2003 – 2020: Comprehensive updates

- SMA founding period
- SMA rules
- Comprehensive updates


2003 – 2020: Best Available Science updates

- SMA founding period
- SMA rules
- Comprehensive updates

2021 – 2051: Monitoring and adaptive management

Identify key questions:
- County/City issued complete and fully compliant permit?
- Applicant complied?

Modify Permit Implementation Process

Adaptive Management

Monitor:
- Permit process steps
- Permit compliance

Recommend Solutions and Actions:
- Revise application form
- Train staff
- Revise administrative interpretations
- Revise policies or regulations

Evaluation of Monitoring Results

Ensuring your permit system is helping people make better decisions

Science

Code Development
- Does code reflect science?
- Necessary tools provided for permit review and conditioning?

Permit Application
- Sufficient information at submittal?
- Submittal information validated (e.g., field visit)?

Permit Review
- Review responsive to code?
- Reviewed consistently between staff?
- Reviewed consistently between projects?

Permit Issued with Conditions
- Conditions responsive to code?
- Conditions consistently applied?

County Code System (SMA)

Long-Term Landowner Activity
- Assess status of compliance with conditions (e.g., access to property)
- Consistency, same inspector as original project?
- Conditions of approval violated after 5-year plan complete?
- Aerial imagery comparison

5-Year Monitoring Plan
- 5-year plan criteria consistent with science?
- Receive annual reports?
- Review and track results of annual reports?
- Conditions of approval violated after inspection?
- 5-year plan enforced?

Inspection
- Inspection consistency?
- Inspection responsive to conditions?
- Same inspector for multiple inspections of the same project?
- Same inspector for inspections for multiple projects of the same permit type?

Dave Ward, Kitsap Co. Webinar 2
Levels are a sequence: Local permit monitoring is the foundation

Levels of Monitoring

- Permit Implementation Monitoring
  - Are permits issued consistent with the regulations?
  - Are projects as built comply with all of the conditions noted in the permit. Data is about individual permits?

- Permit Effectiveness Monitoring
  - Continues to ask the two permit implementation monitoring questions notes above over a longer period of time - are projects continuing to meet permit requirements.

- Ecological Validation Monitoring
  - Are critical areas functions and values are being protected?
  - Are we are achieving no net loss of the ecosystem?
  - Typically conducted regionally or at a watershed level as part of a scientific study.

Local role: The immediate need

Long-term state, local, tribal, regional efforts

Clear need: funds to help local permit implementation monitoring

SMA grant program
Sep 2021-June 2023: $800,000 (pilot)
July 2023-June 2025: $3 Million

Priorities:
1) Implementation monitoring capacity
2) Planning for climate change

National Estuary Program (NEP) funds have been foundational for both state and local efforts to date

Scott Kuhkta, Webinar 1
2021 – 2051: Guiding Principles for the next phase

“We can know if we are achieving no net loss only through examining implementation over time.

We should proceed with humility, recognizing that there is always uncertainty in the face of the complexity of both natural science and human nature.

Curiosity should be our guide – we should be open to trying different approaches.

We should respect the perspectives of all involved.

The natural resources that we manage have many layers, so we must make sure to build partnerships to take advantage of our different roles and expertise.”

<table>
<thead>
<tr>
<th>SMA founding period</th>
<th>SMA rules</th>
<th>Comprehensive updates</th>
<th>Monitoring &amp; Adaptive Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>2020</td>
<td>2030</td>
<td>2040</td>
</tr>
<tr>
<td>2050</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Thanks!

Tim Gates, AICP
Policy & Operations Manager
Shorelands & Environmental Assistance Program
tim.gates@ecy.wa.gov
Meet Your Presenter

Margen Carlson is the Habitat Program Director of the Department of Fish and Wildlife, providing vision and direction for staff and operations in Olympia and throughout Washington. Margen has worked for the Department for nearly 18 years and has had the opportunity to work on a variety of conservation issues including salmon and recovery, maintaining habitat connectivity in developed areas, and marine nearshore protection and restoration in Puget Sound. She is passionate about collaborative and creative conservation approaches, and helping her teams and partners to be successful. Margen explores the outdoors with her husband and young daughter in Olympia, WA, and beyond.
Meet Your Presenter

Don Gourlie loves being on, in, and around the water, particularly salt water. He has a marine science degree and a law degree and his past work has included environmental education, helping businesses reduce their use of toxic substances, working with pacific island nations to strengthen their environmental laws, and more. At the Puget Sound Partnership, he helps develop and write the Action Agenda for Puget Sound and analyze laws for their effect on Puget Sound recovery efforts.
Adaptive Management of Critical Areas and Shorelines (Puget Sound perspective)

March 24, 2021
Don Gourlie

Outline

• Intro to Puget Sound Partnership
• Puget Sound recovery perspective on critical areas and shorelines
• Resources to assist with AM of critical areas and shorelines
• Legislative happenings on critical areas and shorelines
The Puget Sound Partnership is the state agency tasked with coordinating the region’s collective effort to restore and protect Puget Sound.
Managing Critical Areas/Shorelines (PSP perspective)

- Focus development away from ecologically important areas
- Prevent conversion of working lands
- Protect frequently flooded areas from development and restore floodplains
- Protect nearshore areas and shorelines, especially sensitive areas like eelgrass beds and bluff-backed beaches
- Protect stream health, by protecting riparian areas and using low impact development
- Help working farms contribute to recovery through the Voluntary Stewardship Program
- Prevent new shoreline armoring, remove existing armoring, promote soft shore alternatives
- Designate protection and recovery areas as fish and wildlife habitat critical areas, and establish policies to protect them

Adaptively Managing Critical Areas/Shorelines (PSP support and resources)

Partnerships, science, and technological innovation

Financial resources
Vital Sign Assessment

Status of indicators relative to 2020 targets:

- **4** Meeting 2020 targets
- **27** Not meeting 2020 targets
- **21** Indicators do not have targets but are reported in this table for progress relative to a baseline reference

**SHORELINE ARMOR**

29% armored (hardened)
Human wellbeing and Puget Sound health are both closely intertwined, and mutually reinforcing.
SENSE OF PLACE

Over 70 percent of Puget Sound residents “agree” or “strongly agree” that Puget Sound plays role in their identity, pride, and attachment.

SENSE OF PLACE INDEX

PROGRESS:  NO DATA

STATUS:  NO 2030 TARGET

Legend

<table>
<thead>
<tr>
<th>Score (S)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.8 - 5.0</td>
<td>Strongly disagree</td>
</tr>
<tr>
<td>4.1 - 4.5</td>
<td>Disagree</td>
</tr>
<tr>
<td>3.6 - 4.0</td>
<td>Somewhat disagree</td>
</tr>
<tr>
<td>3.1 - 3.5</td>
<td>Neutral</td>
</tr>
<tr>
<td>4.1 - 4.5</td>
<td>Disagree</td>
</tr>
<tr>
<td>3.6 - 4.0</td>
<td>Somewhat disagree</td>
</tr>
<tr>
<td>3.1 - 3.5</td>
<td>Neutral</td>
</tr>
<tr>
<td>4.8 - 5.0</td>
<td>Strongly agree</td>
</tr>
<tr>
<td>4.1 - 4.5</td>
<td>Agree</td>
</tr>
<tr>
<td>3.6 - 4.0</td>
<td>Somewhat agree</td>
</tr>
<tr>
<td>3.1 - 3.5</td>
<td>Neutral</td>
</tr>
</tbody>
</table>

Oregon State University Human Dimensions Lab
Inventory of fund sources and relevant programs

Local resources for BAS

Local Integrating Organizations
psp.wa.gov/LIO-overview.php

Salmon Recovery Lead Entities
rco.wa.gov/salmon-recovery/managing-organizations/lead-entities/
Support at all levels

**Action Agenda**

**Recovery strategies**

- Protect and restore ecologically important lands
- Protect working lands
- Reduce barriers and provide incentives to accommodate development within Urban Growth Areas

**Action Agenda**

**Recovery actions**

- State - Growth Management Act
- Puget Sound region – Action Agenda
- County/watershed – County-wide planning policies
- City – Comprehensive Plan
- Neighborhood or parcel

- Information and tools to support land use planning in Puget Sound
- CAO effectiveness for Kitsap Cnty
- Identify infill sites in Everett, Edmonds, Bothell.

---

Example Tools for AM of Critical Area/Shoreline

- DFW Priority Habitat and Species volume on riparian – [Riparian Ecosystems: Science and Management Implications (2020)](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Ecology’s Puget Sound Watershed Characterization - [Watershed Assessment – Map](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Washington Coastal Hazards Resilience Network sea level rise projections - [SLR Visualization Tools](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Analysis of growth relative to UGAs - [https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Puget Sound Mapping Project - [Puget Sound Mapping Project](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Shoreline monitoring toolbox - [Shoreline Monitoring Toolbox](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- High resolution change detection - [High Resolution Change Detection (arcgis.com)](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Department of Commerce Critical Areas Guidebook - [Growth Management Guides and Resources](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)
- Shorefriendly program resources for landowners – [Protect Your Property and Puget Sound - Shore Friendly](https://pspwa.box.com/s/x16e54snehe90we4uuct6b342x9ve1d5)

*Nearshore Summit* hosted by PSEM and ESRP
Climate Change

Prevent climate change
• Prevent conversion of undeveloped land and working lands.
• Focus new growth in existing urban growth areas or other previously developed areas.

Adapt to climate change
• Consider how climate change will affect critical areas and shorelines

Climate science literature review for Puget Sound
https://pspwa.box.com/s/m065vv0z31qodbm920v55a9xibv2zrgg

Prevent climate change

<table>
<thead>
<tr>
<th>Cultural Wellbeing</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estuaries</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Marine Water Quality</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shellfish Beds</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floodplains</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land Dev. and Cover</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eelgrass</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chinook Salmon</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shoreline Armoring</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshwater Quality</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxics in Fish</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Summer Streamflows</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2021 Session – Critical Areas/Shorelines (status as of 3/19)

**HB 1099** (Duerr) - Improving the state's climate response through updates to the state's comprehensive planning framework.
- **Status:** S. Housing & Local Gov’t. – Hearing 3/16 – Exec: 3/24, 10:30 AM (House passed 2nd Substitute 56-41 on 3/5.)

**HB 1117** (Lekanoff) – Promoting salmon recovery through revisions to the state’s comprehensive planning framework.
- **Status:** S. Housing & Local Gov’t. – Hearing 3/16, 8:00 AM – Exec: 3/24, 10:30 AM (House passed Engrossed 2nd Substitute 58-38 on 3/2)

**HB 1241** (Duerr) - Planning under the growth management act.
- **Status:** S. Housing & Local Gov’t. – Hearing 3/16 – Exec: 3/24, 10:30 AM (House passed engrossed substitute 56-41 on 3/8.)

**SB 5273** (Salomon) - Concerning the replacement of shoreline armoring.
- **Status:** H. Rules R (H. Rural Dev., Ag, & NR passed with amendments: 3/16 (Senate passed substitute 28-21 on 2/18)
2021 Session – Climate Change
(status as of 3/19)

HB 1099 (Duerr) - Improving the state's climate response through updates to the state's comprehensive planning framework
  Status: S. Housing & Local Gov’t. – Hearing 3/16 – Exec: 3/24, 10:30 AM (House passed 2nd Substitute 56-41 on 3/5.)

SB 5126 (Carlyle) – Concerning the Washington Climate Commitment Act. (Gov Request)
  (NTIB – exempt from cutoffs) (cap and trade)

SB 5373 (Lovelett) – Concerning carbon pollution (“Washington Strong”)
  Status: S. Environment, Energy, & Technology – Hearing, 3/4 (likely NTIB – exempt from cutoffs) (carbon tax)

Thank you for your contributions to Puget Sound recovery!
Q&A

TYPE YOUR QUESTIONS IN THE CHAT BOX IN YOUR TOOLBAR

@NAME YOU WANT TO ASK (@GEN)

Poll

In Chat
Where should we commit resources next?
Questions for Breakout Session

What recommendations can you offer others to start or maintain a successful adaptive management program? Share your success stories. Would you be willing to speak with other jurisdictions to offer support?

Questions for Breakout Session

What do you wish you were doing or would you like to do in your jurisdiction for adaptive management?
Questions for Breakout Session

What tools/technology/resources do you use to support your monitoring and adaptive management efforts?

Or for those not currently doing monitoring and adaptive management, which tools/technology would you pursue first if you had the resources?

Is there one tool or resource from the webinar series you can take home and implement?
Questions for Breakout Session

What was your key takeaway from the series you would share with others you work with?

Poll

Did you learn something new that will advance your monitoring and adaptive management program?

Is your jurisdiction ready to initiate new ideas and elements into your monitoring and adaptive management efforts?

Did the webinar series increase support from your leadership for critical areas monitoring and adaptive management program enhancements?
Poll

In Chat
If we offered more training what would you like to see?

How helpful were the breakout sessions for peer to peer interaction?

Thank You