

# Washington Invasive Species Council Meeting Agenda

**June 18, 2015**

Natural Resources Building, Room 175, 1111 Washington St SE, Olympia, WA 98504

**Time:** Opening session will begin as shown; all other times are approximate.

**Public Comment:**

If you wish to comment at a meeting, please fill out a comment card and provide it to staff. Please be sure to note on the card if you are speaking about a particular agenda topic. The chair will call you to the front at the appropriate time.

You also may submit written comments to the Council by mailing them to the RCO, Attn: Cindy Gower at the address above or at [cindy.gower@rco.wa.gov](mailto:cindy.gower@rco.wa.gov).

**Special Accommodations:**

If you need special accommodations to participate in this meeting, please notify us at 360/902-3013.

## OPENING AND WELCOME

<b>9:00 a.m.</b>	<b>Welcome and Call to Order</b>	<i>Chair</i>
	<ul style="list-style-type: none"> <li>Facilities and Safety Information</li> <li>Review Agenda</li> </ul>	

## HOT TOPIC REPORTS

<b>9:10 a.m.</b>	<b>1. Executive Coordinator's Report</b>	<i>Raquel Crosier</i>
<b>9:20 a.m.</b>	<b>2. Gypsy Moth Control</b>	<i>James Marra, Brad White</i>
<b>9:25 a.m.</b>	<b>2. New Zealand Mud Snail Conference</b>	<i>Lizabeth Seebacher</i>
<b>9:35 a.m.</b>	<b>3. Listing of Glyphosate</b>	<i>Alison Halpern</i>
<b>9:40 a.m.</b>	<b>4. DNR Trail Policy Update</b>	<i>Pene Speaks</i>
<b>9:45 a.m.</b>	<b>5. Aquatic Plant and Algae Management Permit</b>	<i>Lizabeth Seebacher</i>
<b>9:55 a.m.</b>	<b>6. Analysis of Pollinator Issues and Roadside Maintenance</b>	<i>Ray Willard</i>
<b>10:00 a.m.</b>	<b>7. Economic Analysis of the Impact of Invasive Species in Washington</b>	<i>Raquel Crosier, Alison Halpern</i>

## DISCUSSIONS AND DECISIONS

<b>10:15 a.m.</b>	<b>8. Legislative Updates</b>	<i>Raquel Crosier, Roundtable</i>
<b>10:30 a.m.</b>	<b>9. Japanese Tsunami Marine Debris</b>	<i>Marcus Reaves</i>

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**10:50 a.m. COFFEE BREAK**

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**11:00 a.m. 10. WA Invasives app Demonstration**

*Todd Slind,  
Spatial Developers*

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**11:20 a.m. 11. Discussion of Outreach**

App Outreach  
Boat Show Outreach

*Raquel Crosier*

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**11:50 a.m. 12. Council Business**

Approval of March Minutes

*Raquel Crosier*

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**12:00 p.m. LUNCH**

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**12:30 p.m. 13. Work Session on Strategic Plan Update**

Overview of Updated Strategies Document  
Prioritization of Actions (dot activity)

*Raquel Crosier*

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**4:30 p.m. ADJOURN**

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# APAM Permit Revisions and Reissuance

Nathan Lubliner

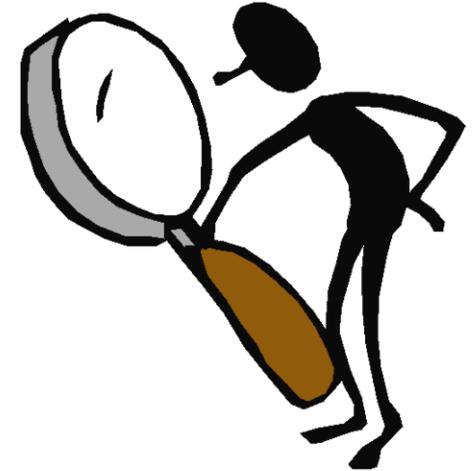
Aquatic Plant Specialist, Water Quality Program



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

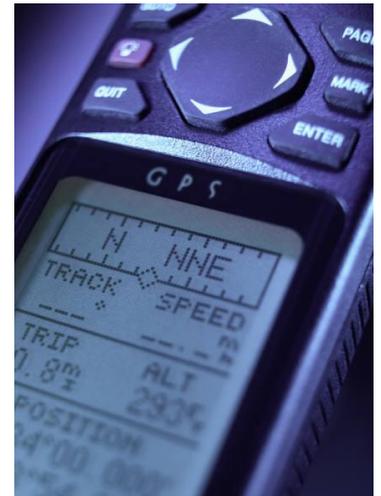
# Potential Permit Updates

- Organizational changes
- Clarifications
- Changes to reflect standard language improvements developed in other aquatic pesticide permits



# Changes Ecology is Considering Making to the APAM Permit

- Treatment Area Maps
  - Require GPS coordinates for the polygon corners.
- Include DNR in required notification for new applications.



# Changes Ecology is Considering Making to the APAM Permit

- Quick Response Tags (QR Tags)
  - Add QR tags to shoreline posting template.
    - Provide a link to Ecology's permit website.
    - Applicators could provide one for their own website.



# Changes Ecology is Considering Making to the APAM Permit

- List actual treatment date on posting signs.
- List addresses that are the start and end points of the treatment area on shoreline posting.

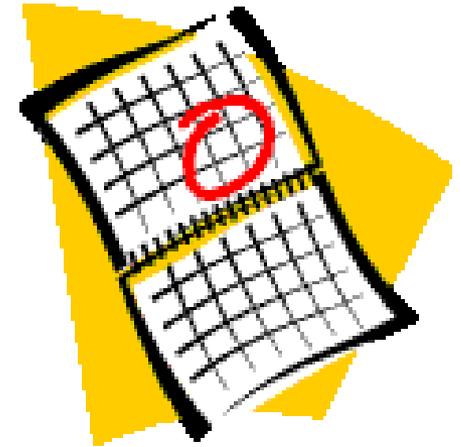


**Pesticide**



# General Application Restrictions

- Additional days where application is restricted.
  - Suggested additions
    - WDFW free fishing weekend





## **Flowing Water Application Notification**

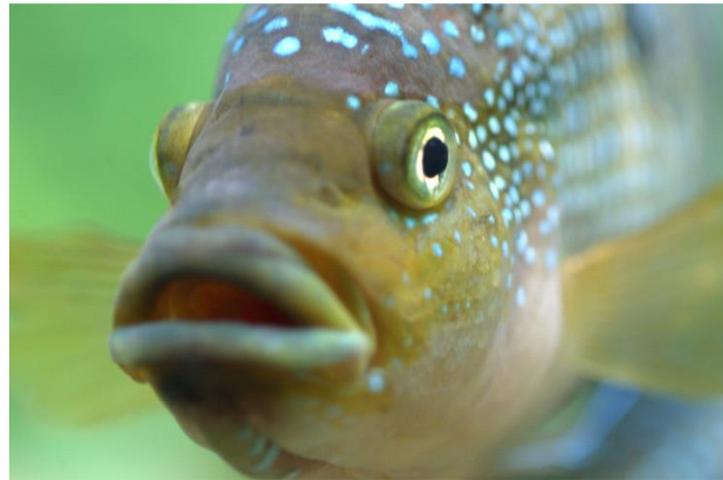
Downstream Notification

Should it extend beyond 400 ft?

How far is a treatment likely to extend  
downstream below the treatment area?

# Fish Timing Windows

- Update and clarify language for fish timing windows.
- Potential to include temperature parameters for certain species.



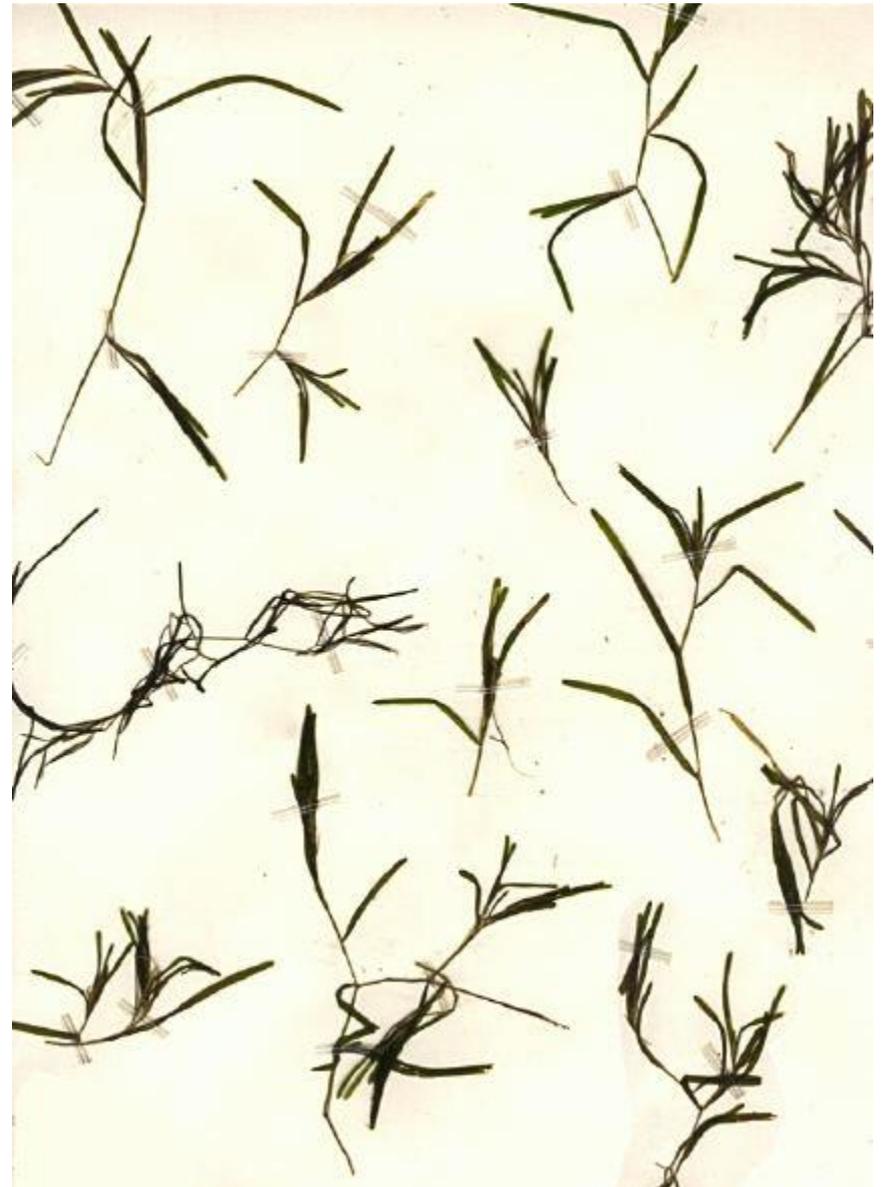
# DMP & SEPA Checklist

- Ecology will be looking at how both of these are used in the permit.
- Can some of these elements be captured in the NOI.



# Rare Plant Survey

Clarify language and expectations around rare plant surveys.



*Potamogeton friesii*

specimen collected at the Amherst Point Bird Sanctuary, August 15, 1996

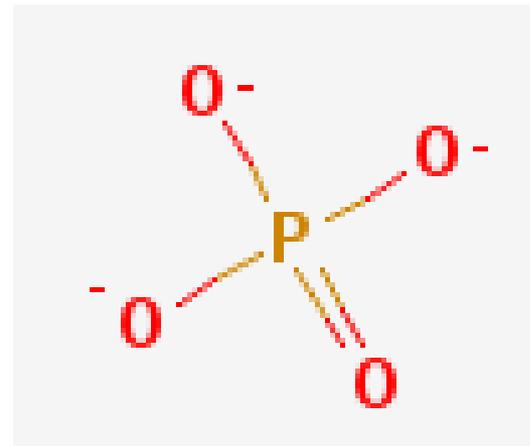
# Addition of Active Ingredients?

- Potential inclusion of new active ingredients
  - Requires development of an EIS addendum
    - Topramezone (Oasis)
    - Aminopyralid (Milestone)
    - Others?



# Addition of Nutrient Inactivation Product?

- Potential inclusion of nutrient inactivation product
  - Bentonite Clay- Lanthanum Complex (Phoslock)



[National Center for Biotechnology Information, U.S. National Library of Medicine](#)





Provide Input

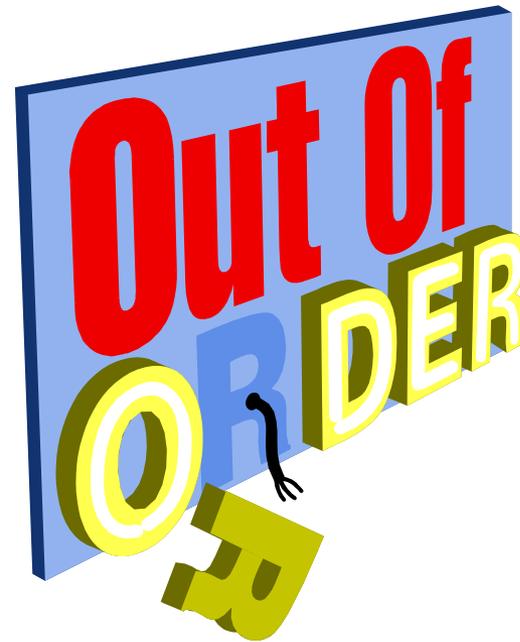
# What is Working

- Let us know what is working.



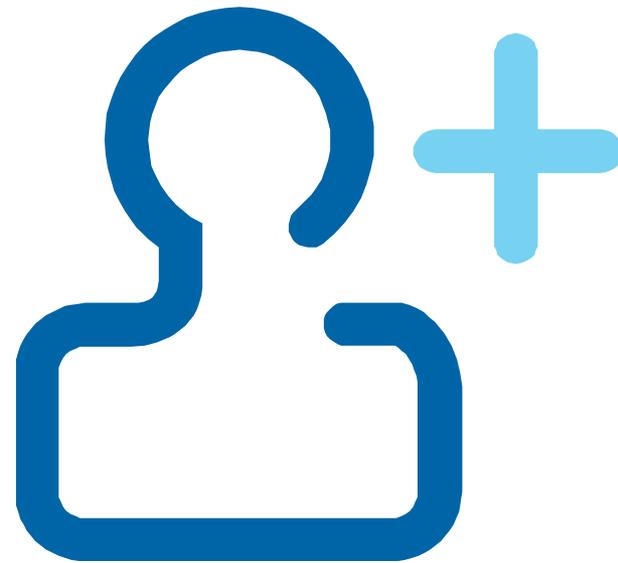
# What isn't Working

- Let us know what isn't working.
- Let us know what needs clarification.



# What's New

- Let us know what needs to be added.



# Reissuance Timing

- Ecology proposes to reissue the APAM permit by March of 2016.



# Aquatic Pesticide Permits LISTSERV

- <http://listserv.wa.gov/cgi-bin/wa?A0=ECY-AQUATIC-PESTICIDE-PERMITS>





# Questions and discussion

## **CONTACT INFORMATION**

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Potential Venues for Invasive Species Prevention & Outreach

WISC

June 18<sup>th</sup> 2015

<u>Date</u>	<u>Show</u>	<u>Locality</u>	<u>Additional Information</u>
8-9 May 2015	Northwest Paddling Festival	Issaquah, WA	<a href="http://northwestpaddlingfestival.com/">http://northwestpaddlingfestival.com/</a>
20-21 June 2015	Olympia Gold and Treasure Show 2015	Lacey, WA	<a href="http://www.resourcescoalition.org/gold_show.htm">http://www.resourcescoalition.org/gold_show.htm</a>
26 June 2015	Northwest Youth Conservation Fly Fishing Academy	Lacey, WA	<a href="http://www.nwycffa.com/wordpress1/">http://www.nwycffa.com/wordpress1/</a>
TBD August 2015	Cabela's Fall Great Outdoor Days	Lacey, WA	<a href="http://www.cabelas.com/stores/store_info.jsp?pageName=026">http://www.cabelas.com/stores/store_info.jsp?pageName=026</a>
11-27 Sept. 2015	Puyallup Fair	Puyallup, WA	<a href="http://www.thefair.com/">http://www.thefair.com/</a>
18-20 Nov. 2015	Pacific Marine Expo	Seattle, WA	<a href="http://www.pacificmarineexpo.com/">http://www.pacificmarineexpo.com/</a>
13-17 Jan. 2016	Portland Boat Show	Portland, OR	<a href="http://www.otshows.com/pbs/">http://www.otshows.com/pbs/</a>
27-31 Jan. 2016	WA Sportsman's Show	Puyallup, WA	<a href="http://www.thesportshows.com/shows/washington/">http://www.thesportshows.com/shows/washington/</a>
29 Jan. – 6 Feb. 2016	Seattle Boat Show	Seattle, WA	<a href="http://www.seattleboatshow.com/">http://www.seattleboatshow.com/</a>
10-14 Feb. 2016	PNW Sportsman's Show	Portland, OR	<a href="http://www.thesportshows.com/shows/pacific-northwest/">http://www.thesportshows.com/shows/pacific-northwest/</a>
TBD Feb 2016	The Fly Fishing Show	Lynnwood, WA	<a href="http://flyfishingshow.com/lynnwood-wa/">http://flyfishingshow.com/lynnwood-wa/</a>
TBD March 2016	Cabela's Spring Great Outdoor Days	Lacey, WA	<a href="http://www.cabelas.com/stores/store_info.jsp?pageName=026">http://www.cabelas.com/stores/store_info.jsp?pageName=026</a>
TBD March 2016	Horns and Hooks Grays Harbor Sportsman Show	Elma, WA	<a href="http://www.hornsandhooks.com/sportsman-show.html">http://www.hornsandhooks.com/sportsman-show.html</a>
10-13 March 2016	Puget Sound Boat Show	Tacoma, WA	<a href="http://www.otshows.com/">http://www.otshows.com/</a>
TBD 2016	GPAA Gold and Treasure Show	TBD	<a href="http://www.goldprospectors.org/goldshows">http://www.goldprospectors.org/goldshows</a>

<b>I. Leadership and Coordination</b>	
<b>A</b>	<p><b><u>Promote adequate and sustainable funding from the Washington State Legislature, Governor’s Office, and State Agencies for invasive species control.</u></b></p> <ol style="list-style-type: none"> <li>1. Work with partners and WISC Member’s to support requests for adequate, stable funding and enhanced statutory authority to sustain effective invasive species programs.</li> <li>2. Work with WISC Members and partners to improve efficiencies in spending and operations across state, federal, local, regional and sovereign government agencies.</li> <li>3. Support the development of an Aquatic Nuisance Species Taskforce to develop recommendations for how to structure long-term funding for ANS (ANS) management in Washington State.</li> </ol>
<b>B</b>	<p><b><u>Promote policy enhancements to state and federal invasive species policy.</u></b></p> <ol style="list-style-type: none"> <li>1. Seek legislative and stakeholder support for reauthorization of the WISC prior to 2017.</li> <li>2. Provide current invasive species information and data to the Washington State Legislature, Governor’s office, and Washington Congressional delegates, including climate change impacts on invasive species.</li> <li>3. Assist regional entities in developing and promoting legislative efforts which seek to prevent the invasion and control the spread of invasive species.</li> </ol>
<b>C</b>	<p><b><u>Coordinate with WISC members and partners from state, federal, local, regional and sovereign government entities who have invasive species responsibilities and expertise in order to advance invasive species objectives and implement the WISC statewide strategic plan.</u></b></p> <ol style="list-style-type: none"> <li>1. Identify opportunities to incorporate language on invasive species management and prevention into appropriate policy documents.</li> <li>2. Continue to coordinate with regional stakeholder groups; assist with regional communication, coordination and public outreach efforts and facilitate regional science/policy forums on invasive species issues, as appropriate.</li> <li>3. Support and monitor the work of groups such as the PSMFC 100th Meridian Initiative-Columbia Basin Team, the Western Regional Panel and the Pacific Northwest Economic Region, in order to stay apprised of regional efforts to coordinate invasive species management and prevention efforts.</li> </ol>
<b>D</b>	<p><b><u>Help coordinate a strong coalition of stakeholders from various sectors which have interest and expertise in invasive species; business, academia, non-profit and citizen science groups, as well as state, federal, local, regional and sovereign government agencies.</u></b></p> <ol style="list-style-type: none"> <li>1. Conduct targeted outreach to stakeholder groups, provide them with information and tools (Wa Invasives app, decontamination protocols, etc.) to assist them in being actively engaged in invasive species prevention, detection and response.</li> <li>2. Continue to seek support and advice on invasive species management and policy from private sector partners by facilitating an industry advisory group.</li> </ol>
<b>II. Education and Outreach</b>	
<b>A</b>	<p><b><u>Support targeted outreach to educate both the public and private sectors on the damage caused by invasive species and what citizens and lawmakers can do to make a difference.</u></b></p> <ol style="list-style-type: none"> <li>1. Work with other groups (PNW IPC, WNPS, universities, etc.) to support state and regional conferences and workshops on invasive species.</li> <li>2. Participate in annual NISAW outreach at the local, state, and federal level.</li> <li>3. Work with partner agencies to conduct an analysis of the economic impacts of invasive species in Washington State.</li> </ol>
<b>B</b>	<p><b><u>Increase and enhance communication across all entities to ensure coordinated approaches are supported and communication tools are accessible to address invasive species issues.</u></b></p> <ol style="list-style-type: none"> <li>1. Write a WISC outreach and communication plan to be adopted as a part of the updated strategic plan.</li> <li>2. Establish priorities and common messaging for WISC Member agencies and others to use when conducting outreach at boat shows and other events.</li> </ol>
<b>C</b>	<p><b><u>Support the development of education and outreach materials that encourage the use of native and non-invasive species in restoration, gardening, landscaping and science kits.</u></b></p> <ol style="list-style-type: none"> <li>1. Continue to support the State Noxious Weed Control Board’s pollinator-friendly, non-invasive seed packets.</li> <li>2. Continue science kit outreach.</li> <li>3. Support the development of curriculum on invasive species to include in K-12 science classes and science competitions such as the Science Olympiad.</li> </ol>

<b>III. Prevention</b>	
<b>A</b>	<p><b><u>Prevent the entry and movement of invasive species by identifying and addressing new and existing pathways.</u></b></p> <ol style="list-style-type: none"> <li>1. Request that regional power producers evaluate the invasive potential and ecological risks of using non-native bioenergy feedstock species, cultivars, and hybrids.</li> <li>2. Encourage federal entities to prevent non-native and invasive species introductions by:               <ol style="list-style-type: none"> <li>a. Monitoring and managing the various pathways of invasive species introduction.</li> <li>b. Developing and implementing strategies to suppress, reduce, or control non-native invasive fish species where they are identified as negatively impacting ESA listed species.</li> <li>c. Developing strategies and public outreach tools to educate the public about regional prevention and management of invasive species.</li> </ol> </li> <li>3. Encourage BPA and other federal agencies to assist the Northwest states' efforts to prevent the establishment of aquatic invasive species, particularly quagga and zebra mussels.</li> <li>4. Continue to implement the preventative strategies in the Washington State aquatic nuisance species management plan and coordinate prevention efforts closely with the other Northwest states and British Columbia.</li> <li>5. Encourage environmental risk assessments to be conducted in cases where non-native species are being used as a mitigation alternative for native species.</li> <li>6. Work to strengthen communication between agencies, tribes, cities, counties, universities and other regional organizations in order to share information on new introductions and new pathways for introduction.</li> <li>7. Determine pathways for introduction for all priority invasive species.</li> </ol>
<b>B</b>	<p><b><u>Work with state, federal, local, regional and sovereign government agencies as well as regional partners to identify opportunities for enhanced, coordinated and complimentary prevention approaches.</u></b></p> <ol style="list-style-type: none"> <li>1. Convene an interagency working group to develop prevention protocols.</li> <li>2. Create a decontamination video and brochure which can be used for training purposes and which will help to ensure consistency in decontamination protocols throughout the state.</li> <li>3. Support work at the state and national level to assess the effects of climate change on ecosystems and the distribution and impacts of invasive species.</li> </ol>
<b>C</b>	<p><b><u>Engage stakeholders, partners and the public in managing invasive species pathways and preventing the introduction and spread of invasive species into terrestrial, riparian, and aquatic ecosystems.</u></b></p> <ol style="list-style-type: none"> <li>1. Provide outreach materials and tools to stakeholder groups (WA Invasives app, info on decontamination protocols, reporting line info, boat ramp stencil, etc.)</li> <li>2. Coordinate with other federal, state, and tribal entities, and regional organizations to gather data on existing invasive species, their distribution as well as population status and trends. Encourage regional data sharing in order to assist with rapid response, prevention, containment, control, eradication, enforcement, and education and outreach efforts.</li> </ol>
<b>D</b>	<p><b><u>Encourage the development and use of best management practices to prevent the spread of invasive species.</u></b></p> <ol style="list-style-type: none"> <li>1. Identify opportunities to develop and incorporate language on invasive species prevention and best practices into appropriate state policy and grant documents (HPAs, restoration programs, Rec and Conservation Board manual, etc.).</li> <li>2. Ensure that any Council supported best practices which are adopted into state, federal, local, regional and/or sovereign government policy are being implemented.</li> <li>3. Coordinate meetings with WISC Members and invasive species managers, where necessary, to discuss the on-the-ground implementation of best management practices, evaluate existing processes and provide recommendations for improvements.</li> </ol>
<b>IV. Early Detection and Rapid Response</b>	
<b>A</b>	<p><b><u>Continue to compile existing information and conduct a baseline assessment of invasive species information and programs in Washington. This baseline would serve as an initial step towards coordinating a statewide, strategic response to the threat of invasive species.</u></b></p> <ol style="list-style-type: none"> <li>1. Search for grant funding to support expansion of Baseline Assessment work.</li> <li>2. Incorporate EDDMAPS info from the PNW IPC EDRR program into the WISC app.</li> </ol>
<b>B</b>	<p><b><u>Promote a dedicated fund for emergency response to new invasive species in Washington.</u></b></p>

	<ol style="list-style-type: none"> <li>1. Provide recommendation during Aquatic Nuisance Species Taskforce process for a dedicated emergency response fund.</li> <li>2. Ensure that use of emergency response funds is in compliance with environmental regulations (EIS, etc).</li> </ol>
<b>C</b>	<p><b><u>Improve detection of invasive species by training field biologists, foresters, highway maintenance crews, citizen scientists, and other land and water stewards to identify and report priority invasive species and support the use of information technology.</u></b></p> <ol style="list-style-type: none"> <li>1. Promote the WA Invasives app via media, at conferences, in curriculum, through trainings, etc.</li> <li>2. Provide WISC staff to conduct trainings on the WA Invasives app and provide information on decontamination protocols and best practices.</li> <li>3. Work with WALPA to get funding for their lakes steward program which would include surveying for AIS.</li> </ol>
<b>D</b>	<p><b><u>Align state and federal regulatory processes to facilitate rapid response to newly discovered invasive species.</u></b></p> <ol style="list-style-type: none"> <li>1. Create a sub-committee to address regulatory coordination, in order to ensure that rapid response actions are in alignment with environmental regulatory processes, including National Environmental Protection Act (NEPA), State Environmental Protection Act (SEPA), Endangered Species Act (ESA), and the National Pollutant Discharge Elimination System (NPDES).</li> <li>2. Help coordinate response exercises to prepare agency managers and staff for species introductions and allow them to practice EDRR within a realistic scenario.</li> </ol>
<b>E</b>	<p><b><u>Strategically focus rapid responses on species that are more likely to cause harm.</u></b></p> <ol style="list-style-type: none"> <li>1. Write rapid response plans for select priority invasive species (feral swine, etc.)</li> <li>2. Support regional rapid-response efforts where appropriate.</li> <li>3. Assist federal and state agencies, tribes, and regional entities to review, evaluate, develop, and implement strategies to reduce competition from invasive species on ESA listed species, especially juvenile and adult salmonids.</li> </ol>
<b>V. Containment, Control and Eradication</b>	
<b>A</b>	<p><b><u>Support the containment of invasive species that are already established in Washington to prevent greater spread and support the control and eradication of smaller or newly-discovered infestations.</u></b></p> <ol style="list-style-type: none"> <li>1. Promote the initiation of the rule-making process necessary to utilize quarantine authority for use in the case of new infestations.</li> <li>2. Select priority species and assist agencies and other groups to search for funding for eradication.</li> </ol>
<b>B</b>	<p><b><u>Support research to make new control tools available and improve the efficacy and specificity of existing tools.</u></b></p> <ol style="list-style-type: none"> <li>1. Explore and support opportunities for research fellowships on the efficacy of various invasive species control techniques.</li> <li>2. Encourage partner organizations in applying best available science in the management of invasive species.</li> </ol>

**PART II: Prioritization**

In order to get a sense of where our collective priorities lie, please provide feedback via the following exercise.

If we had only enough resources to accomplish **one action** within the next two years, what action do you feel should be **WISC's #1 priority**?:

- Build a broad stakeholder group, and focus on education and leveraging support to fight invasives.
- WISC should take the lead in reaching out to state agencies, the legislature, Congress and Governor's office in support of adequate funding for invasive species control.

If we found we had enough resources to accomplish **just one more action**, what action do you feel should be **WISC's #2 priority**?:

- Prevention.
- Continue with efforts to have agencies incorporate decontamination protocols into their routine activities.

If we had enough resources to accomplish **a third action**, what action do you feel should be **WISC's #3 priority**?:

- Evaluating the potential for invasions (baseline assessment). Compile information gathered by others (for example, researchers, feds, etc) that indicates a prospective issue.
- Continue to facilitate communication between state and federal agencies, along with industry to improve coordination of invasive species prevention and control.

<b>WISC Strategic Plan Update Timeline</b>	
June 18 <sup>th</sup> 2015	Planning session – Strategic Plan outline and priorities adopted by WISC
July 17 <sup>th</sup> 2015	Draft Strategic Plan to Executive Committee for review
August 7 <sup>th</sup> 2015	Draft Strategic Plan to WISC Members for review
August 28 <sup>th</sup> 2015	<b>DUE:</b> WISC Member comments on draft Strategic Plan
September 24 <sup>th</sup> 2015	<b>ADOPT DRAFT STRATEGIC PLAN</b>
September 25 <sup>th</sup> – October 16 <sup>th</sup> 2015	<b>PUBLIC COMMENT:</b> Draft Strategic Plan sent out for 30 day public comment
November 6 <sup>th</sup> 2015	Public comments incorporated to final draft and distributed to WISC Members
November 19 <sup>th</sup> 2015	<b>DUE:</b> final comments from WISC Members
December 3 <sup>rd</sup> 2015	<b>ADOPT FINAL STRATEGIC PLAN</b>