



# Ebb Tide



Vol. 12, Issue 10    The Newsletter of WSU Snohomish County Extension Beach Watchers    OCT 2017

## Index

Meeting News	Page 1
Volunteer Appreciation	Page 2
Feature Article	Page 2
Educational Opportunities	Page 4
Volunteer Opportunities	Page 8
Working Group Leads	Page 10
Chrys' Column	Page 11
Project Spotlight	Page 12
Wish List	Page 12
Beach Watcher Member News	Page 13
Beach Watcher Highlights	Page 14

WSU Snohomish County Extension Beach Watchers gratefully acknowledge the financial support from our partners.



## Meeting News

**Beach Watcher Meetings**  
**Jennings Park Barn, 6915 Armar Rd, Marysville**  
**10 AM – 12:30 PM**

**Wednesday, November 15<sup>th</sup>**



**Presentation:** Facing the Decline of Grizzly Bears in the North Cascades  
**Speaker:** Vanessa López, Defenders of Wildlife, Northwest Program

### *All Meetings Agenda*

10 AM – 11 AM	Beach Watcher News / Updates
11 AM – 12 PM	Guest Speaker
12 PM – 12:30 PM	Mingle and Clean Up

## Special Volunteer Appreciation Event



WSU Snohomish County Extension staff will honor the volunteers who make so much happen: Beach Watchers, Beach Naturalists, Sustainable Community Stewards, Energy Stewards, Waste Warriors, Promotores del Medio Ambiente, Promotores de Energía, and Glacier Peak Institute. This night is all for you. WSU Extension will provide appetizers, entertainment, dinner, and of course, your well-deserved recognition!

The celebration will be held in the Cougar Auditorium of WSU Extension in Everett (600 128th St. SE Everett, WA). Please send your **RSVP no later than October 26<sup>th</sup>** to <http://evite.me/1AAv7SeZZ9>.

Raffle and Bingo prizes will also be available! Anyone can participate to win a Bingo prize, but to win a raffle prize, you'll need tickets! Curious how to get your tickets? The more volunteer hours you report, the more tickets you'll get. So what are you waiting for? **Report those volunteer hours!**

*Looking forward to seeing you on this night made special for all of you!*

## Featured Article

### The Salish Sea Model

*A report by Charles A. Lo Presti (Class of 2013)*

Last summer, the Washington State Department of Ecology's Puget Sound Nutrient Source Reduction Project sponsored a public workshop on the condition of nutrients in Puget Sound. The Puget Sound Nutrient Dialogue brought together subject matter experts from the region to discuss

how nutrients (especially unhealthy levels of nutrients) are playing a role in changes such as low dissolved oxygen (DO), excessive algae and jellyfish blooms, and changes to food web dynamics.

Those who attended learned that the Washington State Department of Ecology is using a water quality model based on the Salish Sea Model to evaluate the effects of current and potential future nutrient loads on dissolved oxygen levels in Salish Sea. This model helps us understand:

- Are human sources of nutrients in and around the Salish Sea impacting water quality?
- How much do we need to reduce human sources of nutrients to protect the Salish Sea?

This water quality model will help decision-makers use resources more wisely and guide where additional study or action is necessary. The water quality model and its findings are discussed at <http://www.ecy.wa.gov/programs/wq/PugetSound/DOModel.html>.

So what is the Salish Sea Model? The main website <http://salish-sea.pnnl.gov/> describes the Salish Sea Model as a computerized predictive ocean modeling tool for coastal estuarine research, restoration planning, water-quality management, and assessment of climate change effects.

The Salish Sea Model was developed by the Pacific Northwest National Laboratory, in collaboration with the Washington State Department of Ecology and the Environmental Protection Agency. The principle investigators at PNNL are based at PNNL's Marine Sciences Laboratory in Seattle.

In geek-speak, it is a 3-D finite volume circulation and transport model and code for the Salish Sea - the Puget Sound, Juan de Fuca Straight, and the Georgia Basin. That means it tries to capture how waters circulate through the Salish Sea through tides and currents, freshwater inflows, and meteorological forcing.

To model the water circulation, it solves numerically systems of coupled differential equations based on dividing the Salish sea into three dimensions in terms of unit volumes. That makes it possible to model how sediments and substances such as dissolved oxygen are transported through the Salish Sea. And it makes possible dynamic (animated) videos of circulation and similar phenomena through the Salish Sea, which hopefully make accessible to further understanding the phenomena of interest. See the Hydrodynamics tab in the above web page for details including error analyses.

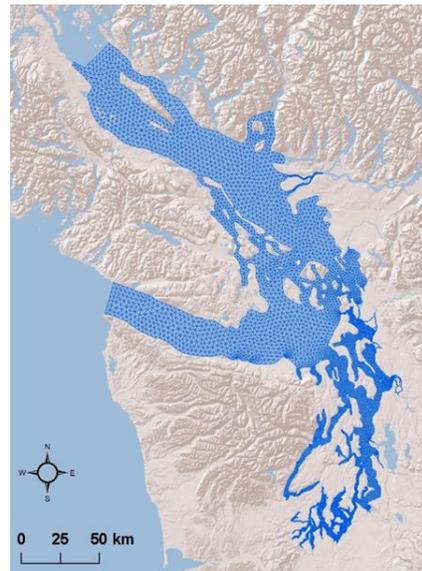


Image credit PNNL

Freshwater discharged to the Salish Sea model (SSM) consists of flows from 19 major rivers (with permanent U.S. Geological Survey gages), streamflow runoff from 45 additional watersheds, and wastewater discharges from 99 municipal and industrial outfalls.

The Salish Sea Model is being used to predict spatial and temporal patterns in the Salish Sea related to factors such as salinity, phytoplankton, nutrients and Dissolved Oxygen. Based on publications lists, the Model has been in development since around 2008, and it is based on predecessor models and codes dating back into the last century.

It is the nature of this kind of systems research that using a software model on a project often results in the model itself being modified to encompass improvements in understanding of the system, based on ongoing findings, so that many of the studies and projects as well as the Salish Sea Model itself are works in progress.

The following link points to journal publications and PNNL technical reports pertaining to the Salish Sea Model development, as well as write-ups on the above projects and studies:

[http://salish-sea.pnnl.gov/PSGB/PSGB\\_Collaboration/Publications\\_reports.stm](http://salish-sea.pnnl.gov/PSGB/PSGB_Collaboration/Publications_reports.stm)

On the home page of this web site, some of the links to the left under Salish Sea Model Overview and Research and Projects show examples of videos of various phenomena being modeled.

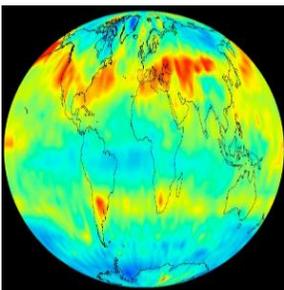
And here is a link which points to a summary of Puget Sound modeling efforts and projects by the Washington State Department of Ecology: <http://www.ecy.wa.gov/programs/eap/newmodels.html>. The Salish Sea Model has been used for at least the following projects and studies:

- Water quality and biogeochemical modeling
- Ocean acidification
- Dissolved oxygen (DO) modeling
- Hydrodynamic and suspended sediment modeling of the Skagit River and Padilla Bay
- Fish migration and restoration planning
- Nearshore restoration projects

This article is intended to provide Beach Watchers with an overview of the kinds of computerized tools used today to attempt to understand complex natural systems.

## Educational Opportunities

### **8<sup>th</sup> Annual Northwest Climate Conference** ***Working Together to Build a Resilient Northwest*** **October 10 – 11** **Tacoma Convention Center, Tacoma, WA**



Learn the latest about climate in Tacoma this October for the 8th Annual Northwest Climate Conference. This conference annually brings together more than 300 researchers and practitioners from around the region to discuss scientific results, challenges, and solutions related to the impacts of climate on people, natural resources, and infrastructure in the Pacific Northwest.

The conference is the region's premier opportunity for a cross-disciplinary exchange of knowledge and ideas about regional climate, climate impacts, and climate adaptation science and practice. The conference also provides a forum for presenting emerging policy and management goals, objectives, and information needs related to regional climate impacts and adaptation. This conference is sponsored by the WA Department of Ecology. More

information can be obtained at <http://pnwclimateconference.org/>. For questions and information, contact Lara Whitely Binder at [lwb123@uw.edu](mailto:lwb123@uw.edu) or #nwclimate2017 (Twitter).

**Call for Presentations due October 10**  
**Sustainable Seattle's 2018 Climate Resilience Summit**  
**Saturday, January 6<sup>th</sup>, 2018**  
**Seattle University**

The 2018 Climate Resilience Summit in Seattle, WA will identify strategies and catalyze action for a cross-sectoral, inclusive movement to advance climate resilience in the Pacific Northwest. For more information, see the website announcing this event at:

[www.sustainableseattle.org/wp-content/uploads/2015/05/2018-Summit-RFP-Final.pdf](http://www.sustainableseattle.org/wp-content/uploads/2015/05/2018-Summit-RFP-Final.pdf)

Proposals for presentations are due October 10 no later than 5 p.m.

Questions? Email [Nancy@sustainableseattle.org](mailto:Nancy@sustainableseattle.org)

**Streamkeeper Training for Thornton Creek Watershed Residents or Friends**  
**Begins Tuesday October 17<sup>th</sup>, 7 PM – 9 PM**  
**North Seattle Community College, Room CC1161**  
**9600 College Way N Seattle, WA**



The Thornton Creek watershed occupies 11.6 square miles in northeast Seattle west of Lake Washington, and encompasses 18 miles of streams. It is Seattle's largest watershed, and it drains into Lake Washington at Matthews Beach, and eventually through the Lake Washington Ship Canal to Puget Sound. Thornton Creek is historic habitat to at least five species of Pacific salmon and trout.

Thornton Creek is the most polluted stream in Seattle – it needs a lot of Streamkeepers! So the Adopt A Stream Foundation will be hosting the first of a two-part Streamkeeper™ training event. These workshops are sponsored by a King County WaterWorks Grant in partnership with North Seattle College. There is free parking for those who attend! The Streamkeeper Field Training is free; however, **registration is required** by calling 425-316-8592 or emailing [aasf@streamkeeper.org](mailto:aasf@streamkeeper.org)

The first part of the training includes great underwater video of salmon spawning and a fast paced introduction to Five Steps of how to “adopt” a stream:

The second part is a Field Training with **two date options**: Thursday October 19 or Saturday October 21, 8:30am-4pm at Meadowbrook Community Center and two locations on Thornton Creek.

These all day stream monitoring experiences begin at 8:30 am a couple of miles upstream of the mouth of Thornton Creek at the Meadowbrook Community Center and later shift to two Thornton Creek streamside locations for the rest of the day. Each training date is limited to 20 participants per session who are watershed residents, community group leaders and/or educators. The class will be

taught how to teach others how to become Streamkeepers, and students will receive hands-on experience in monitoring physical conditions, water quality, stream flow, and in presenting findings to audiences ranging from next-door neighbors to the City Council.

Those who complete both the introductory and field training events will receive a free copy of the Streamkeeper's Field Guide: Watershed Inventory and Stream Monitoring Methods (reviewed at [http://www.streamkeeper.org/aasf/Bk\\_Vid\\_Reviews.html](http://www.streamkeeper.org/aasf/Bk_Vid_Reviews.html) ). In addition, those who represent an educational or community group in the Thornton Creek watershed will be entered into a raffle to win biological and water quality monitoring equipment that support with long-term Streamkeeper efforts.

The problems facing the creek are well documented. See some on-line documents such as [https://www.seattle.gov/util/cs/groups/public/@spu/@DrainSew/documents/webcontent/cos\\_002616.pdf](https://www.seattle.gov/util/cs/groups/public/@spu/@DrainSew/documents/webcontent/cos_002616.pdf) and [http://www.seattle.gov/util/cs/groups/public/@spu/@drainsew/documents/webcontent/01\\_029734.pdf](http://www.seattle.gov/util/cs/groups/public/@spu/@drainsew/documents/webcontent/01_029734.pdf)

Contacts: Tom Murdoch or Ashley Allen at the Adopt A Stream Foundation, 425-316-8592  
Facebook presence: <https://www.facebook.com/AdoptAStreamFoundation/>

## **Marine Naturalist Training through the Whale Museum Fall 2017 Program: October 21, 22, 29, and Nov 4, 5, and 19 Gear Down Workshop November 11 and 12 (Friday Harbor)**

The course is a great opportunity for professionals or volunteer naturalists interested in killer whales and the ecosystems they depend on. This course includes an in-depth treatment of the ecology and conservation of local marine species, presented by highly trained local naturalists, environmental educators and scientists. A mix of lectures and field trips provides a hands-on learning experience that leaves graduates qualified as a regional professional or volunteer naturalist.

### **Come Interested, Leave Qualified**

You can earn a Whale Museum naturalist certification by completing an extra 10-hour practicum, which can be arranged during this course. Completion of this course also entitles you to become a member of the Salish Sea Association of Marine Naturalists.

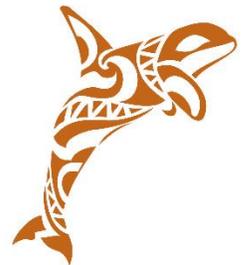
Participants are also welcome to attend The Whale Museum's Annual Gear Down Workshop for Marine Naturalists & Research Symposium in Friday Harbor on Nov 11 and 12 (\$70).

### **Tuition Rates for Naturalist Training**

- \$ 450 Member Rate (for members of The Whale Museum/Orca Adopters)
- \$ 500 Non-Member Rate (includes membership/Orca Adoption)

### **Tuition (due at registration) includes the following:**

- Six class sessions (lectures and on location), with a boat-based marine field trip.
- Visits to six marine centers including the Whale Museum at Friday Harbor.
- All class materials.



### **Registration**

See training details or register at <https://whalemuseum.org/pages/marine-naturalist-training>

Registration applications are processed in the order they are received. This course has a maximum class size 30 students, so please register quickly! To discuss special payment arrangements, please contact [tracie@whalemuseum.org](mailto:tracie@whalemuseum.org).

**Washington Organic Recycling Council Conference**  
**“Bringing Our Soils Back to Life”**  
**November 14 – 15**  
**Blaine, Washington**



Thanks to Judy Ness for this news item, which will be of special interest to the biochar community. The Washington Organic Recycling Council will hold its 2017 conference in Blaine, Washington November 14 -15. Its theme is “Bringing Our Soils Back to Life”, and the keynote speaker is David R. Montgomery, MacArthur Fellow and Professor of Earth and Space Sciences at the University of Washington. He will discuss his latest book—“Growing a Revolution”—in which he visits farmers around the world at the forefront of a soil health revolution. Combining ancient wisdom with modern science their regenerative practices translate into farms that use less water,

generate less pollution, and can help feed us all, cool the planet and restore life to the land. Learn more about the conference at <https://www.compostwashington.org/annual-conference/>.

**Master Gardener Program**  
**Accepting Applications for 2018 Training**

Join over 350 Snohomish County Master Gardeners in sharing good gardening and environmental stewardship practices with county residents by becoming a WSU Snohomish County Extension Master Gardener Volunteer Community Educator.

Applications are now being accepted for the 2018 Master Gardener training class, which starts in January. Training focuses on familiarization and learning how to use resources to research, educate, mentor, and answer horticulture questions for the public in a collaborative environment. All training is open book and no memorization is expected.



Training involves approximately 80 hours of classroom and workshop instruction held once a week on Thursdays, Jan. 11th through March 29th.

Tuition for this extensive training program is \$275 plus a volunteer commitment of 40 hours each year for two years working, learning and having fun with other like-minded volunteers on a variety of horticultural and environmental educational projects. Without volunteer commitment, tuition is \$775.

For more information and an application, please visit the Extension website at <http://tinyurl.com/y8srkp2y> or call the Extension Office at 425-338-2400.

**Save the Date! 2017 ECO Net Summit  
Wednesday, December 6<sup>th</sup>  
Brightwater Education Center, Woodinville**

*With a special focus on Equity & Social Justice, join your fellow ECO Net members for a day of inspiration, networking, and collaborative learning sessions! Agenda and registration information coming soon – mark your calendar for this can't miss event!*

**Questions? Contact Kristen Reichardt at [kristen.reichardt@kingcd.com](mailto:kristen.reichardt@kingcd.com) or **(425) 282-1927**.**

## Volunteer Opportunities

**Water Monitoring Classes Begin October 14  
Adopt A Stream Northwest Stream Center  
600 128th St. SE Everett, WA**

Would you like to volunteer to monitor the water quality of local creeks? Sno-King Water Watchers is a Community-Based Water Monitoring program in the north King / south Snohomish County area, offering a comprehensive series of water monitoring classes this fall. Total class and field time is 18 hours. Each class is a mix of classroom and field work. This training might be of interest to our Beach Watcher water quality teams. The schedule of classes follows:

**Biological Monitoring - Saturday, October 14, 10 am-3:30 pm**

Stream bugs are a great indicator of stream health. Learn how to collect, identify, and categorize these creatures. Mix of classroom and field work.

**Physical/Chemical Monitoring - Saturday, October 28, 10 am-4:00 pm**

Water temperature, dissolved oxygen, and pH are all important variables for local salmonids and other creatures that live in our streams. Clear, clean water is important too. Learn to use a citizen science kit to monitor these important variables. Mix of classroom and field work.

**Bacteriological Monitoring - Saturday, November 4, 10 am-2:30 pm**

What are bacteria? Which ones are harmful? What are standards for *E.Coli* in Washington waters? Learn about simple, low-cost methods available to citizen scientists to evaluate their local water bodies for bacteriological contamination. Mix of classroom and field work.

**Registration**

All classes will be conducted at Adopt A Stream's Northwest Stream Center in Everett. To register, e-mail [snokingwatershedcouncil@gmail.com](mailto:snokingwatershedcouncil@gmail.com). Registration fee is \$35. Scholarships are available. More information on their website <http://snokingwatershedcouncil.org/water-watchers/>.

**Looking for Volunteers!**  
**Howarth Park Beach Wrack Surveys Continue**  
**Tuesday, October 24<sup>th</sup>, 10:30 AM**

We will meet on the beach near the base of the railroad bridge. Volunteers will be identifying eelgrass, marine algae, and human debris (plastics). Marine algae will be divided up into *Ulva* (sea lettuce), *Fucus* (rockweed), and other. You don't need to be a marine algae ID genius to help us.



Photo credit: Ani Gothard-Williams

Researchers from the University of Washington, State of Washington, and Snohomish County collected beach wrack data before the Howarth Park beach restoration and are now collecting the post-project data. If we Beach Watchers can collect beach wrack data from several more months, the researchers will have a much better data set and their resulting conclusions will be much stronger. This data set will help us know if the beach restoration efforts are working.

**We would like to have a minimum of 4 volunteers this month.** We can probably use a maximum of 20. There might more collection/training dates into the winter. Please contact Scott Calhoun (Class of 2016) to sign up, if you can help with time on the beach.

**Beach Watcher Office Work Party**  
**Wednesday, October 25<sup>th</sup>, 10 AM – 1 PM**  
**Evergreen Room, McCollum Park, Everett**



It's been a while, but Chrys and Yolimar are always thinking about the Beach Watchers, and they've rounded up a variety of hum drum jobs for another Beach Watcher Office Work Party!

It's a variety of tasks: organizing storage room items, logging library books, inventorying youth education kits, sorting drip sheets, update Beach Watchers' website, and much more.

As Mom said, many hands make light work and we have fun doing it. Please join in. If you wish, bring a snack to share. Coffee and tea provided. Contact Linda Lambert (Class of 2015) to RSVP.

## Fall 2017 Howarth Park Beach Cleanups Wednesday, November 1st, 10 AM

Beach Watcher Dave Compton (Class of 2010) wants to keep the beach cleanup efforts going and lead further cleanups. Join him **Wednesday, November 1st, 10 AM** to pick up trash and prevent pollution entering Puget Sound while keeping the beach clean!



Photo credit: Yolimar Rivera Vázquez

We'll meet in the lower parking lot of Howarth Park prior to going to the beach. Please join us by signing up with Dave! Dress for the weather and bring rubber coated garden gloves or pickers if you have them. We will have some of both available if you don't have these items.

**Got a favorite beach you'd like to see get cleaned?** Contact Dave and/or Yolimar do discuss how you can help to expand this new project.

## Working Group Leads

If you would like to get involved with any of these efforts, share your ideas or stay connected with the following activities, please contact the WSU Beach Watcher listed. If you are interested in any of these lead spots, please contact Chrys Bertolotto at (425) 357-6020 or [chrys@wsu.edu](mailto:chrys@wsu.edu).

**BEACH Program:** Tim Ellis

**EBB TIDE Newsletter:** Chuck LoPresti

**Edmonds Summer Naturalists:** Nancy Engen

**Facebook Communications:** Jim Traugott and Christine Gormley

**Festivals:** Anne-Ly Kahle and Sue Gilman

**Howarth Park Beach Cleanups:** Dave Compton

**Monthly Breakfast:** Bill McLaughlin

**Mukilteo Lighthouse Park Kiosks:** Scott Montgomery

**Mukilteo Lighthouse Park Naturalist Team:** Tim Ellis and Linda Lambert

**Office Work Parties:** Linda Lambert

**Online Calendar Notices:** Carol Bradley

**Howarth Park Beach Wrack Surveys:** Scott Calhoun  
**Intertidal Beach Monitoring:** Craig Wollam and Paul Granquist  
**Kayak Point Beach Days:** Sandy Evans  
**Kayak Point Youth Spring Field Trips:** **VACANT**  
**Mission Beach Water Testing:** **VACANT**

**Pre-School Library Readings:** Gail Dillaway  
**Social Committee:** Kathy Traugott, Linda Whatley, Darla Gay Smith, Judy Atkins and Carol Forsberg  
**Storm Drain Medallions:** Ani Gothard-Williams  
**Veterinary Clinic Outreach:** Karen Langseth  
**Youth Classroom Presentations:** Keri DeVilbiss

## Chrys's Column

Another amazing year of spring and summer programming is wrapping up. A huge thanks goes to every team leader who handled day to day logistics for well over a hundred different events or monitoring days. Given the huge commitment that team leaders make, I have invited all team leaders to a first-ever **Summit**, being held on October 16th, to discuss ways we can improve our programming work and coordination across projects, and get some background information and recent results from our effort. The information will be shared, so stay tuned!



Photo credit: Lindsay Snow @123RF

From e-mail, you may have seen that a member of the Natural Resources team, Stephanie Leeper, has been hired away into a very cool job opportunity with Boeing. This means that Yolimar and I are picking up the slack while we look for a replacement. I'm also looking at ways that we can serve all natural resource program volunteers perhaps in more efficient ways, while honoring the focus, community and commitments of each program.

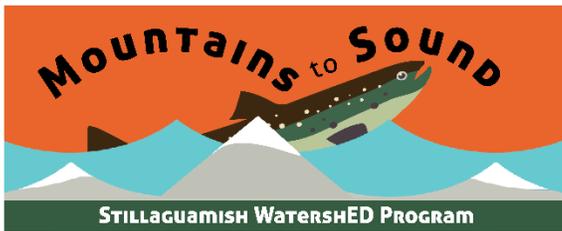
Lastly, I'm trying to place the 2018 Beach Watcher training at the new WSU campus in Everett (<https://everett.wsu.edu/>). Over the years of doing the training at McCollum Park, our membership has grown thinner and thinner in North Snohomish County. With the rush hour traffic through Everett, mostly going from north to south in the morning, traffic congestion is a big barrier to involvement. Once I get some rooms reserved, I'll be setting dates and we'll start promoting like crazy! I look forward to seeing as many of you as possible at the **Volunteer Recognition Event** on November 9th, 6 – 9 PM in McCollum Park. You should have gotten an electronic invite by now, so let me know if you didn't.

Great Days!

*Chrys*

(425) 357-6020, [chrys@wsu.edu](mailto:chrys@wsu.edu)

## Project Spotlight



Beach Watchers have a new partnership with the Stillaguamish Tribe, Snohomish Conservation District and Sound Salmon Solutions to bring a collaborative “Mountains to Sound” education program to 4th and 5th grade students in the Stillaguamish watershed. The objective of this collaborative pilot program is to establish an integrated, year-long classroom and field curriculum to emphasize

stormwater and ecosystem lessons, building on each partner’s existing curriculum, thus touring students from the Mountains to the Sound. Beach Watchers get to show and focus on the hands-on Puget Sound aspect.

### *So what does this mean?*

The Mountains to Sound project will further support our youth education work at Kayak Point. Beach Watchers’ role will not change much from our typical youth education efforts. We’ll still visit students’ classrooms to give presentations about intertidal life and beach etiquette, as well as our all time favorite, bringing the kids to the beach to our 4 rotating stations about tides, animal adaptations and more! The only modification coming to 2018, will be switching the “art station” for an “eelgrass / secchi disk station” where we’ll talk about the importance of clear, clean water for eelgrass survival and the role of eelgrass as important nurseries. We actually have an existing “secchi disk station” that we will be building upon to meet these project goals. Again, this is only for 4th and 5th graders.

A secchi disk is used to measure water clarity



We will be reviewing talking points for the secchi disk station and add more elements about eelgrass and its importance, as well as highlighting more about eelgrass in the classroom presentation. Likely, we will be offering a new classroom presentation training in February or March of 2018, so mark your calendars!

Finally, we’d love to have a Kayak Point Team Leader this year to Support this project, so if you are interested, talk to me or Chrys ☺

*Yolimar*

[yolimar.rivera@wsu.edu](mailto:yolimar.rivera@wsu.edu), (425) 357-6029

## Wish List for Snohomish County Beach Watchers

**Thanks to Sara Chapman** for donating equipment for posting fliers at bulletin boards and kiosks.

**Please donate for raffle baskets and bingo games.** We are collecting gifts of experiences and nice items for the **Volunteer Recognition Event**. If you would like to share anything for raffle baskets, we are accepting them up to October 25 (the Office Work Party). We are looking for:

- “No Cost” Raffle Items / Bingo Prizes (bottles of alcohol, bags of coffee, art work, experiences you would like to share, or other items you think fellow volunteers would appreciate)
- Baskets
- Sets of dishes, bowls and cutlery (to borrow).
- Desserts to enjoy by all

Please contact Chrys at (425) 357-6020 or [chrys@wsu.edu](mailto:chrys@wsu.edu) if you have items to donate to the Beach Watchers. Team leaders can also put in wish list items to assist with their projects and activities by sending their wishes to Chuck Lo Presti (Class of 2013) to announce in the Ebb Tide.

## Beach Watcher Member News

### Beach Watcher Events Google Calendar

This is a reminder that we would like to make all Beach Watchers aware of – a link to the Snohomish County Beach Watchers Google Calendar so you know what’s coming up. Enjoy!

<http://beachwatchers.wsu.edu/snohomish/events/index.htm>

### Mukilteo Lighthouse Festival Photographs



Chrys Bertolotto and Gigi Dumm (2017) at our booth



One of our displays

Photo credits: Charles A. Lo Presti

### Beach Watcher Monthly Breakfast

Come, join us for fun filled conversation and breakfast at Patty’s Egg Nest on 128th Street, Wednesday, October 11th at 9:00 A.M. where we will celebrate the following and maybe more!



### Volunteer Recognition

This month, our Ebb Tide editor, Chuck LoPresti (Class of 2013), reached his 500 hours reported milestone. Congrats Chuck!

### Beach Watcher Basics

	Beach Watcher Breakfast!	Beach Watcher Facebook Page <a href="#">Like Us!</a>	Beach Watcher Web Tools	Contributions to Ebb Tide
<b>When Is It?</b>	Monthly, 2 <sup>nd</sup> Wednesday, 9 AM	ANY TIME!	24 Hours a Day, Every Day!	Submissions last day of the month.
<b>How Can I Find It?</b>	Patty's Egg Nest, 303 128 <sup>th</sup> St. SW, South Everett	<a href="http://www.facebook.com/snohomishbeachwatchers">www.facebook.com/snohomishbeachwatchers</a>	<a href="http://www.beachwatchers.wsu.edu/Snohomish/VolunteerInformationPage.htm">www.beachwatchers.wsu.edu/Snohomish/VolunteerInformationPage.htm</a>	Arrives to your email every month
<b>Why Should I Care?</b>	Great conversations and getting to know fellow Beach Watchers!	Newsletters help organizations to stay together. Great way to Get and Share Information.	Find anything you need – events calendar, link to volunteer hour database, notices, flyers, great web links, and more!	Ebb Tide is the main way that volunteers get information. We want submissions of articles, cool events, photos, etc., from Beach Watchers.
<b>Want More Information ?</b>	<b>See Working Group Lead or Team Leader Contacts above!</b>			

### Beach Watcher Highlights

Dates	Type	Title	Location / Time
October 11	Social	Monthly Breakfast	Patty's Egg Nest, 303 128th St. SW, 9 AM
October 24	Volunteer	Beach Wrack Survey	Howarth Park Beach, 10:30 AM
October 25	Office	Office Work Party	Evergreen Room, McCollum Park, Everett, 10 AM – 1 PM
November 1	Stewardship	Howarth Beach Cleanup	Howarth Park, Everett, 10 AM
November 8	Social	Monthly Breakfast	Patty's Egg Nest, 303 128th St. SW, 9 AM
November 9	Volunteer Appreciation	Volunteer Appreciation Event	Cougar Auditorium, McCollum Park, 6 – 9 PM

Dates	Type	Title	Location / Time
November 15	Regular Meeting	<b>Presentation:</b> Facing the Decline of Grizzly Bears in the North Cascades	Jennings Park Barn, Marysville, 10 AM – 12:30 PM
December 13	Social	Monthly Breakfast	Patty's Egg Nest, 303 128th St. SW, 9 AM
			
January 10	Social	Monthly Breakfast	Patty's Egg Nest, 303 128th St. SW, 9 AM

*WSU Snohomish County Extension Beach Watchers is a program of Washington State University Extension. All Extension programs are consistent with federal and state laws and regulation on nondiscrimination regarding race, color, gender, national origin, religion, age, disability and sexual orientation. Evidence of noncompliance may be reported through your local Extension office.*

*The photographs and images shown in the Ebb Tide are either courtesy of the authors, accessed through the Creative Commons, or public domain.*