

16th Bainbridge Environmental Conference
Sunday, March 10, 2019 12:30 p.m. to 5:00 p.m. IslandWood

WELLS TO WHALES PROTECTING OUR WATERS

- 12:30 Registration & Exhibits at IslandWood Welcome Center**
- 1:00 Welcome to IslandWood**
- **ABC Environmental Award 2019—Deborah Rudnick**
- 1:10 Keynote Addresses**
- **Bainbridge Waters: Past, Present and... – Deborah Rudnick, PhD (Bainbridge Island Watershed Council)**
 - **...Future Through The Climate Lens – Lara Hansen, PhD (EcoAdapt)**
- 2:00 Session A Workshops**
1. **From Our Homes to Their Waters: Chemicals In Products Impact Orcas and Kids** Nancy Uding, (Toxic-Free Future)
 2. **Regenerative Design + Water** Jason Wilkinson (McLennan Design) & Juan Rovalo (BioHabitats)
 3. **How Natural Landscapes Support Water Resources** Brenda Padgham & Gina King (Bainbridge Island Land Trust) & Lara Hansen (EcoAdapt)
 4. **What Individuals and Communities Can Do to Protect Our Waters** Chris Wilke (Puget Soundkeeper) & Eloise Harris (Puget Soundkeeper)
- 2:50 Break to Visit Exhibits**
- 3:30 Session B Workshops**
1. **Bivalves Tell Stories of Pollutants in Our Waters** Jennifer Lanksbury (WA Department of Fish & Wildlife) & Maradel Gale (Bainbridge Beach Naturalists)
 2. **Make it Rain!** Stella Collier (City of Bainbridge Island)
 3. **Our Waters in the Media** John Williams (SEA-Media and Salish Magazine)
 4. **An Ethical Framework for Water Resource Decisions** John Hainze (Seattle University)
 5. **Groundwater 101: Observations, Simulations, and Plans** Peter Bannister (Aspect Consulting) & Charlie Kratzer (COBI Environmental Technical Advisory Committee)
- 4:30 Report Back in Great Hall—Summary From Workshops**
- 4:45 Thoughts on “Where do we go from here?”**
- 5:00 Adjourn**

ABC Environmental Award 2019—Deborah Rudnick

Deb Rudnick is incredibly grateful for the opportunity to work and play protecting the environment she loves. Deb received her PhD in Environmental Science from UC Berkeley with a focus on Aquatic Ecology. She has worked for a range of agencies and institutions, from studying evolutionary ecology of birds in the Bay of Fundy, working in forestry management on the front range in Colorado, to graduate research on invasive crabs in San Francisco Bay, and she spent 8 years as an ecotoxicologist consulting on contaminated sites across the continent. Deb is on the board of the Bainbridge Island Land Trust, is a member of the City's Climate Change Advisory Committee, chairs the Bainbridge Island Watershed Council (a program of Sustainable Bainbridge) and is the K-5 Science Resource Coordinator for the Bainbridge School District.

Session A Workshops

From Our Homes to Their Waters: Chemicals in Products Impact Orcas and Kids Nancy Uding (Program Director, Toxic-Free Future)

Toxic chemical contamination of Puget Sound is a major threat to our Southern Resident Killer Whales and the aquatic ecosystem that supports them. A big source of these chemicals is products like clothes, TVs, couches, and personal care products that we all use every day. But these same chemicals expose kids too, affecting their health and learning. Bold action is needed now to turn off the spigot of chemicals from consumer products to Puget Sound and to our kids.

In this session, you will learn about:

- Major groups of chemicals and how they affect Puget Sound and kids
- How these chemicals move from our homes to the Sound
- How policy and advocacy campaigns are working to get toxics out of Puget Sound
- How to get involved and help Washington take bold action for orcas and kids

Regenerative Design + Water Jason Wilkinson (Project Architect, McLennan Design and member COBI Design Review Board) & Juan Rovalo (Senior Ecologist and Integrated Design Specialist, BioHabitats) Conventional development has led to massive impacts to the health of our natural water systems. New models of development based on principles of Regenerative Design seek to integrate ecology with the planning and operation of our built environment. This workshop will explore opportunities for harnessing regenerative buildings and sites using presented case studies and collaborative brainstorming. Our goal is to assess what future scenarios might be preventable and how Bainbridge Island can take a leadership role in restoring a healthy hydrological cycle.

How Natural Landscapes Support Water Resources Gina King (Conservation Project Lead, Bainbridge Island Land Trust) & Brenda Padgham (Conservation Director, Bainbridge Island Land Trust) & Lara Hansen (Executive Director, EcoAdapt)

What opportunities exist on Bainbridge Island to maximize natural landscapes' capability to support water quality, water quantity, and storm water control? Join this workshop to learn where our water resources are, and have an opportunity to explore ways natural landscapes can achieve community water resource goals. Participants will learn what is currently protected, discuss ways to expand protections and connectivity, and discover how these efforts can contribute to functions such as critical habitat, and a more resilient landscape in the face of a changing climate, island population growth, and more.

What Individuals and Communities Can Do to Protect Our Waters Chris Wilke (Executive Director, Puget Soundkeeper) & Eloise Harris (Community Engagement Director, Puget Soundkeeper)

How Clean Is YOUR Water? Puget Sound waters are in trouble, and our individual and collective actions can make a difference. From the tiniest trickle to large point sources of pollution, our actions impact the health of our waterways. Chris and Eloise will present information on the state of our watersheds and how our actions can help protect local streams and marine waters, as well as our cherished salmon and orca whales.

Session B Workshops

Bivalves Tell Stories of Pollutants in our Waters Jennifer Lanksbury (Washington Department of Fish & Wildlife) & Maradel Gale (Bainbridge Beach Naturalists)

Join this workshop to learn what has been found in the mussels placed around our island in the latest from the WDFW mussel monitoring program. Presenters will also provide an update on the activities related to the shellfish industry's pollution of our public waters with pesticides and plastics.

Make it rain! A Hands-On Workshop Stella Collier (Stormwater NPDES Permit Manager, City of Bainbridge Island)

Stella oversees permit compliance by inspecting stormwater facilities such as catch basins and detention ponds, educating the public on ways to reduce pollution in stormwater and investigating pollution sources such as oil spills and sewage discharges. She will lead this interactive workshop using an EnviroScape model of a landscape similar to Bainbridge Island to demonstrate how wetlands and floodplains play a vital role in surface and ground water quality. We will also see how stormwater and pollutants travel downstream, causing water quality and flooding problems. Come to play, learn, and discuss solutions to the problems.

Our Waters in the Media John Williams (SEA-Media and Publisher, Salish Magazine)

John will moderate a discussion around a series of short films that address regional stormwater and water quality issues and the ecosystem and social contexts in which these issues come into play. In addition to discussing some of the concepts and responsibilities raised by these movies (both in terms of lifestyle and education), the audience will also be invited to discuss what is absent.

An Ethical Framework for Water Resource Decisions John Hainze (Adjunct Faculty, Seattle University)

How should we think about our personal and societal responsibilities for local and global water resources at a time of climate change and increasing water demand? That water is necessary for all life is a first principle for ethical reasoning. But where does that lead us in determining how to utilize and allocate water? We will discuss various ethical approaches to the use of water resources.

Groundwater 101: Observations, Simulations, and Plans Peter Bannister (Associate Engineer, Aspect Consulting) & Charlie Kratzer (Chair, COBI Environmental Technical Advisory Committee)

As part of their work on the COBI Environmental Technical Advisory Committee, Peter and Charlie will share their current understanding of groundwater facts and ideas on moving forward with a groundwater management plan for the Island.

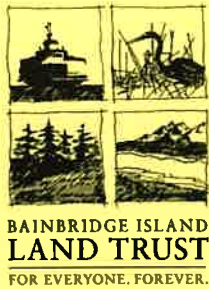
Exhibitors

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|---|---|
| ● Bainbridge Island Land Trust | ● Bainbridge Beach Naturalists |
| ● WSU Extension – Raingarden Mentors | ● Washington Department of Fish and Wildlife |
| ● Bainbridge Island Watershed Council | ● City of Bainbridge Island Water Resources Program |
| ● Orca Network | ● Kitsap Public Utilities District |
| ● SEA Media | ● Puget Soundkeeper |
| ● Association of Bainbridge Communities | |

Notes

16th Association of Bainbridge Communities (ABC) Bainbridge Island Environmental Conference

CO-SPONSORS



ORGANIZING COMMITTEE

Maradel Gale
Charles Schmid
Deb Rudnick

Christina Doherty
Christian Berg
Diane Landry

Brenda Padgham
Wayne Daley
Dan Groff

Food and Financial Support

Snacks and Facilities by IslandWood

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PAST RECIPIENTS OF THE ABC ENVIRONMENTAL AWARD

1991 Janet Knox	1998 Dave Davison	2009 Jo Schaffer
1992 Vince Mattson	1999 Road Ends Advisory Committee	2010 Rachel and Robert Smith
1993 Linda Schmid	2000 Frank Stowell	2011 Wayne Daley
1994 Sheila Crofut	2001 Connie Waddington	2012 Bob Burkholder
1995 Bainbridge Island Land Trust	2003 Van Calvez	2013 Olaf Ribeiro
1996 Leigh Kennel	2007 Jim Brennan	2017 Maradel Gale
1997 Dale Spoor	2008 Lois and Lew Andrus	2018 Jeannette Franks

The Silver Cup was originally presented to ABC Founders Jerry and Elane Hellmuth in 1984.

Previous ABC Environmental Conferences

1st (2001) State of the Environment on Bainbridge Island	11th (2011) The Reasoning, the Science & the Law for Protecting the Island's Shoreline
2nd (2002) Environmental Protection on Bainbridge Island	12th (2012) Downstream—Connections Between Our Life and Marine Life of Puget Sound
3rd (2003) Planting for a Healthy Environment	13th (2013) The Future of Trees on Bainbridge Island
4th (2004) Water and Watersheds	14th (2017) Changing the Nature of Puget Sound: A Look at Impacts of Industrial Aquaculture
5th (2005) The State of the Environment on Bainbridge Island	15th (2018) Our Island's Future—Creating Community Together
6th (2006) Wildlife and their Island Habitat	
7th (2007) Aquatic Life and Habitat on Bainbridge Island	
8th (2008) Positive Energy	
9th (2009) The Truth about Dirt	
10th (2010) Protecting the Island's Shorelines	