



BeaverCON 2020



March 3rd-5th, 2020

**Delta Hotels, Baltimore Hunt Valley
245 Shawan Road,
Hunt Valley, MD 21031**

www.beavercon.org

Venue, lodging, and catering for BeaverCON 2020 provided by

Delta Hotels Marriot – Baltimore Hunt Valley

245 Shawan Road,
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Technology and audiovisual support provided by

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Welcome to **BeaverCON** 2020

***Thank YOU for being a part of
our inaugural conference!***

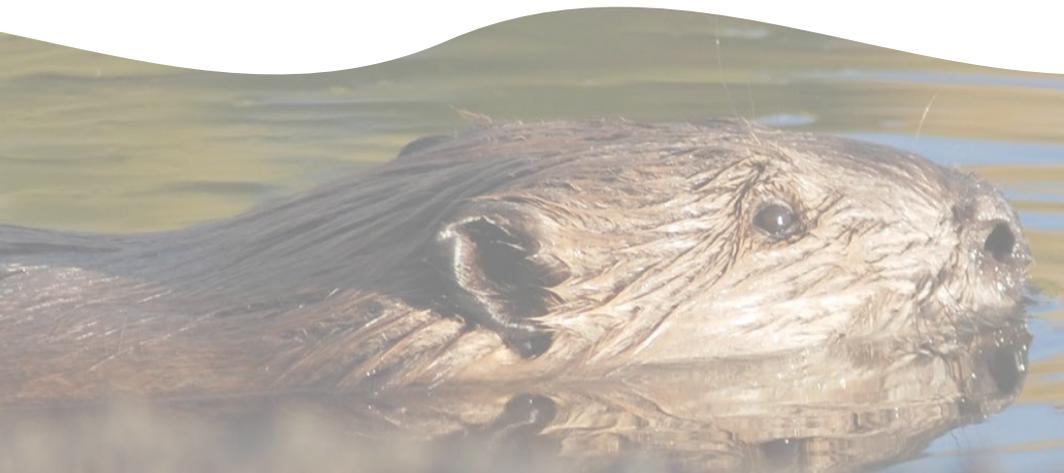
BeaverCON 2020 aims to bring professionals, practitioners, and others dealing with beaver issues and ecological restoration together on the East Coast for the first time to share the latest research and best management practices for “Nature’s Engineer”, the North American beaver.

Through your contributions in the form of presenting, sponsoring, attending, and providing guidance during the organizing phase, you made this conference happen. Thank you for being a part of BeaverCON and sharing in our goal of building on each others' endeavors to bring to light much of the cutting edge research showing how beaver provide much needed ecological recovery, assist with restoring threatened and endangered species, improve water quality, and provide important adaptations to climate change.

BeaverCON 2020 is a biennial conference and we are eager to see where the years that follow take us. We hope you remain a part of this journey.

Best,

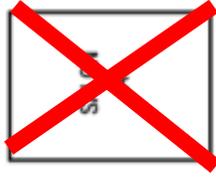
The BeaverCON Organizing Committee



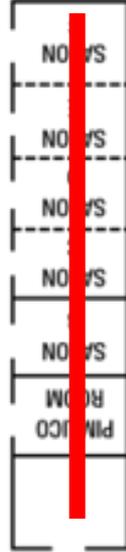
BeaverCON 2020 Map and Wifi

Wifi Name: HuntValley_Guest
Wifi Password: None – it's complimentary!

LOWER LEVEL



Rooms not in use during
BeaverCON



Days 1-3
VALLEY ROOM

Days 2-3
HUNT ROOM

REGISTER HERE

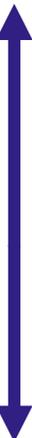


RESTROOMS

Please notify
conference staff if you
require disability
accommodations
during the conference



EXHIBITORS



BeaverCON 2020 – Agenda

DAY ONE – Tuesday, March 3, 2020

7:45 – 8:45 am	Check-in/Late Registration
8:45 – 9:00 am	Welcome – Mike Callahan, Beaver Institute and Scott McGill, Ecotone
9:00 – 9:15 am	<i>Thinking Like A Beaver – Restoring Chesapeake Bay</i> – Tom Horton
9:15 – 10:00 am	<i>The Case of the Missing Beaver</i> – Stanley Petrowski
10:00 – 10:45 am	<i>37 Million Years and Counting: A Brief History of Beavers</i> – Frances Backhouse
10:45 – 11:00 am	BREAK
11:00 – 11:45 am	<i>History of Beavers in Europe</i> – Duncan Halley and Gerhard Schwab
11:45 am – 12:30 pm	<i>The History of the Beaver Deceiver™</i> – Skip Lisle
12:30 – 1:30 pm	LUNCH*
1:30 – 2:15 pm	<i>Beavers Without Borders</i> – James Wallace with Sarah Koenigsberg and Emily Fairfax
2:15 – 3:00 pm	<i>A Land Transformed: From Beavers to Ditches</i> – Grace Brush
3:00 – 3:15 pm	BREAK
3:15 – 4:00 pm	<i>Plumbing for ecology: Can flow devices on beaver ponds reduce conflicts and costs?</i> – Glynnis Hood
4:00 – 4:45 pm	<i>Creating the “Superior Bio-Conservancy” and modeling beaver restoration benefits</i> – Bob Boucher
4:45 – 5:15 pm	BeaverCON Lifetime Achievement Award
5:15 – 5:45 pm	Pre-Dinner Social
5:45 – 6:45 pm	DINNER*
6:45 – 7:15 pm	Pre-screening Social
7:15 pm	Film: <i>Beaver Believers</i> - Sarah Koenigsberg

DAY TWO – Wednesday, March 4, 2020

8:00 – 9:00 am	Late Registration	
Eurasian Experiences		Beaver Management
9:00 – 9:45 am	<i>The Story of Beavers in Wales</i> – Alicia Leow-Dyke	<i>The Methow Beaver Project: A 12 Step Program for Beaver Addicts</i> – Kent Woodruff
9:45 – 10:30 am	<i>Quantifying the Hydrological Impacts of Eurasian Beaver Reintroduction across Great Britain</i> – Alan Puttock	<i>MBP 2.0-Beaver Restoration Reload in the Arid West: Beavers, People, Salmon & Wildfire</i> – Alexa Whipple
10:30 – 10:45 am	BREAK	BREAK
Eurasian Experiences		Stream Restoration
10:45 – 11:30 am	<i>Beaver management in Germany. How to deal with an eco-engineer in completely used land</i> – Gerhard Schwab	<i>Low-tech process-based restoration-lessons learned from beaver to address degraded riverscapes</i> – Joseph Wheaton
11:30 am – 12:15 pm	<i>Unraveling Perceptions of Eurasian Beaver Reintroduction in Great Britain</i> – Roger Auster	<i>Beaver-related restoration strategies – documented benefits from restoration evaluations</i> – Nicolaas Bouwes
12:15 – 1:15 pm	LUNCH	LUNCH
Remote Presentations		Stream Restoration
1:15 – 2:00 pm	<i>A Space for Beavers</i> – Heidi Perryman	<i>Temperature and hydrological impacts of beaver-based stream restoration: hypotheses, models and data and the way forward with low tech process-based restoration</i> – Chris Jordan
2:00 – 2:45 pm	<i>TBD</i> - Michael Pollock	<i>The effects of beaver dams on nutrient transport in urban streams</i> – Elizabeth Sudduth
2:45 – 3:00 pm	BREAK	BREAK
Beaver Management		Stream Restoration
3:00 – 3:45 pm	<i>New Beaver Management Tools You Can Use</i> – Mike Callahan	<i>TBD</i> – Derek Gow

DAY TWO – Wednesday, March 4, 2020 Continued

3:45 – 4:30 pm	<i>Fish Passage: Adapting our Tools for Living with Beaver in Salmon Country</i> – Jakob Shockey	<i>Integrating Beaver and Eco-Geomorphology into Ecological Restoration</i> – Scott McGill
4:30 – 5:15 pm	<i>Beavers, Salmon, and the Beaver State</i> – Rob Walton	<i>How can research on the Effects of Beaver Activity inform Better Stream and Wetland Restoration Design?</i> – Erik Michelsen

DAY THREE – Thursday, March 5, 2020

8:00 – 9:00 am	Late Registration	
Beaver Management		Beaver and Salmon
9:00 – 9:45 am	<i>When the Beaver Calls Your Name: Managing Beaver in the Umpqua Basin</i> – Leonard Houston	<i>The Juneau Beaver Patrol and Innovative Salmon Passage</i> – Chuck Caldwell
9:45 – 10:30 am	<i>Managing Beaver Flooding Problems with Flow Devices</i> - John Egan	<i>Flow Device Project for Atlantic Salmon Passage in Newfoundland</i> – Victoria Neville <i>Chum Can't Jump. The trials and turmoil's of creating the Fish Lyft salmon passage.</i> – Adrian Nelson
10:30 – 10:45 am	BREAK	
Beaver Management		Stream Restoration
10:45 – 11:30 am	<i>Integrating road ecology mitigation measures with beaver exclusion techniques at road drainage culverts</i> – Kari Gunson	<i>Cattail Creek Stream Restoration and Living Shoreline</i> – Chris Becraft
11:30 am – 12:15 pm	<i>The Sierra Wildlife Coalition: Sand Painting Trees to Create a Cleaner Lake Tahoe</i> – Toogee Sielsch & Sherry Guzzi	<i>In-stream effectiveness of conveyance channels and material processing channels</i> – Maddie Berg
12:15 – 1:15 pm	LUNCH	

DAY THREE – Thursday, March 5, 2020
Continued

Inspiring Action		Stream Restoration
1:15 – 2:00 pm	<i>Busy beaver: Building a cost-sharing program</i> – Aaron Hall	<i>Do Beaver Impoundments Have Hydrological Impacts to a Developing Piedmont Watershed?</i> – Emily Henderson
2:00 – 2:45 pm	<i>From Castor-Cursing to Beaver-Believing: The Power of Storytelling and Intentional Communication to Inspire Change</i> – Sarah Koenigsberg	<i>The Ecological Engineer for Water Resources Resilience... in Raleigh</i> – Robert Hopper
2:45 – 3:30 pm	<i>Bringing Beavers Home—A New Vision for Civic Engagement in the Age of Habitat Restoration</i> – Martha Otis	TBD
3:30 – 4:00 pm	Closing remarks and Open Mic Discussion	

Thank You

BeaverCON 2020

Presenters!



Thank You



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Brown. Toothy. Adorable. Heroes in the fight against climate change?

Beavers are part of nature-based solutions. Visit our booth to learn more.

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Promoting best available science

Advocating improved beaver policies

Empowering local problem solvers

Thank You



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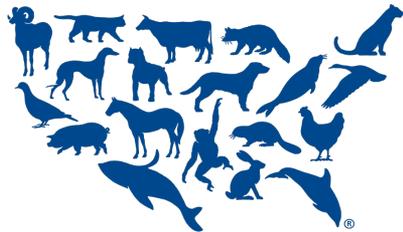


Animal Welfare
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www.awionline.org



BEAVER
SOLUTIONS



THE HUMANE SOCIETY
OF THE UNITED STATES

Animal Welfare Institute

Since 1951, the Animal Welfare Institute has been alleviating suffering inflicted on animals by humans. In the early years, AWI founder Christine Stevens sought to end the cruel treatment of animals in experimental laboratories. Inevitably, AWI's work expanded to take on other animal welfare causes. Through engagement with policymakers, scientists, industry, and the public, AWI seeks to end the use of steel-jaw leghold traps and reform other brutal methods of capturing and killing wildlife; preserve species threatened with extinction, and protect wildlife from harmful exploitation and destruction of critical habitat; abolish factory farms, support high-welfare family farms, and eliminate inhumane slaughter methods for animals raised for food; improve the housing and handling of animals in research, and encourage the development and implementation of alternatives to experimentation on live animals; protect companion animals from cruelty and violence, including suffering associated with inhumane conditions in the pet industry; and prevent injury and death of animals caused by harsh transport conditions. In 2006, in honor of its founder, AWI developed the Christine Stevens Wildlife Award, providing grants to develop nonlethal and humane solutions to wildlife-human conflicts or for the study of wildlife. AWI consistently receives high ratings from charity watchdog organizations for its wise use of contributions.



Animal Welfare
Institute

www.awionline.org

DEDICATED TO REDUCING ANIMAL
SUFFERING, INCLUDING SUPPORT
FOR NONLETHAL SOLUTIONS TO
HUMAN-WILDLIFE CONFLICT



Beaver Solutions, LLC

Beaver Solutions LLC is a leader in nonlethal beaver control having installed over 1,600 successful water control devices since 1998. We serve southern New England state and local highway departments, conservation groups and agencies, public utilities, property management groups, businesses, homeowners and many others. When beaver create problems for people, Beaver Solutions will recommend and implement the most cost-effective, long-term, humane and environmentally friendly option for our clients. We "Work WITH Nature" for lasting results.



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1,600 INSTALLED**



Photo Credit: D. Slipp

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We fight the big fights to end suffering for all animals. Together with millions of supporters, we take on puppy mills, factory farms, trophy hunts, animal testing and other cruel industries. With our affiliates, we rescue and care for thousands of animals every year through our animal rescue team's work and other hands-on animal care services. We fight all forms of animal cruelty to achieve the vision behind our name: a humane society.

And we can't do it without you.

Thank You



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Beaver
INSTITUTE™



ecotone
ecological restoration

Beaver Institute, Inc.

The Beaver Institute is pleased and honored to be a co-host and Keystone sponsor of BeaverCON 2020. We are a 501(c)3 nonprofit whose Mission is to be a catalyst for advancing beaver management and watershed restoration by providing technical and financial assistance to public and private landowners experiencing beaver conflicts, supporting scientific research, training mitigation professionals, and increasing public appreciation of the beaver's critical role in creating wetland ecosystems.

Our Vision is for all beaver-human conflicts to be resolved in a science-based manner in order to maximize the many benefits that beavers contribute to the environment.

The Beaver Institute continually seeks new individual, regional and national partners to advance our Mission and Vision. Please contact us if you have similar goals and interests regarding possibilities of us working together to benefit beavers, biodiversity, watersheds and us all.

www.BeaverInstitute.org

Ecotone, Inc.

Ecotone has delivered quality outcomes and pioneered innovative approaches to ecological restoration since 1998, establishing ourselves over those years as trustworthy experts and thought-leaders in our industry.

The underlying philosophy we embrace, Think Like A Mountain™, grounds our efforts and priorities in a land ethic that values the natural world – notably the interconnectedness of wildlife, aquatic life, and human life in an ecosystem – and aims to build transitions that allow these co-habitants to thrive together.

The same philosophy also is reflected by our name – the definition of “ecotone” is the space where two distinct natural areas come together. For two decades, our company has embodied that name, acting as a bridge between striving for pristine ecological communities and respecting the human-dictated land uses that we depend on for our economy and communities. Our restoration principles support this philosophy by harnessing natural processes to assist in transformation and conservation. We label our approach Less is More; it emphasizes the re-use of stone, grass, vegetation, and other natural material available at a project site to minimize disruption, reduce costs, and promote sustainability.

Ecotone shares hosting and sponsoring BeaverCON 2020 with their partner, Beaver Institute, Inc.

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loop!



BeaverCON 2020



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BeaverCON
2020

Notes





BeaverCON 2020



*Thank
you!*

We hope to see you in 2022!