

Program

2026 Symposium on Nature-based Coastal Solutions



Day 1: Tuesday, September 8

Start	End	Event	Abstract Title	Presenters	Moderator	
07:30	08:30	Breakfast and Registration				
08:30	09:00	Workshop Opening Remarks				
09:00	10:15	Session 1: Saltmarshes in Practice			TBD	
			Learning from the River: A Process-Based Approach to Marsh Creation in the Fraser River Estuary	Eric Balke		
			Rebuilding SÁUTW First Nation’s Salt Marsh: Integrated Restoration and Climate Adaptation Planning	Rachel Burns		
			Wood-sediment Berms – A Nature-based Solution for Coastal Resilience?	Wesley Peever		
			Sk’waayee Tliljuuhlida Gaagiidaay Tlilguhlga Restoring the Shoreline Coastal Restoration Initiative to Improve Habitat Conditions at Former Log Handling Sites	Lynn Lee		
			Miyíwts Park - A Community Park Weaving Watershed Ecology, Climate Resilience and Social Connection	Jenna Buchko		
10:15	10:30	Break				
10:30	11:30	Workshop 1: Building SEEDS Together: Advancing Sediment Based NbCS in the Fraser Delta and Burrard Inlet			Eric Balke	TBD
11:30	12:30	Lunch				
12:30	13:45	Session 2: Beneficial Reuse Case Studies			TBD	
			Lessons Learned and Next Steps after Four Years of Sediment Addition at Sturgeon Bank	Eric Balke		
			Numerical Simulation of a ‘Mud Engine’ for Marsh Enhancement at Sturgeon Bank	Jeremy Karkanis		
			Tsleil-Waututh Nation (səlilwətaɬ) Reserve Shoreline Adaptation and Restoration Project Construction and Lessons Learned	Daniel Leonard		
			Bridging the Gap Between Research and Implementation: Specifying Soils for Coastal Restoration Projects	Meredith Wilson		
			From Excess to Estuary: Can Resource Regeneration Fill the Coastal Resilience Gap?	Deeana Woods		
13:45	14:00	Break				
14:00	15:00	Panel 1: Ecocultural Shoreline Protection: Panel with First Nations Staff and Community Representatives			TBD	TBD
15:00	15:30	Break				
15:30	16:45	Session 3: Policy and Governance			TBD	
			Implementing Nature-based Solutions Across Place-based Governance System	Rees Anwen		
			Values-Driven Framework for Nature-Based Coastal Flood Adaptation: The Gorge Coastal Flood Adaptation Strategy, Victoria, BC	Patrick Joynt		
			Alaska Update on Nature Based Solutions; an Industry Perspective	KC Kent		
			Building a Stronger Connection Between Habitat Conservation, Disaster Mitigation and Public Policy in British Columbia	Jen Walker		
			The Coastal Habitats Learning and Knowledge Hub	Shannon Marshall		
16:45	17:00	Closing Remarks Day 1				
17:00	18:00	Optional Networking Session (self guided)				
18:00	21:00	Social Event at Steamworks Brewpub (375 Water St, Vancouver, BC)				

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Day 2: Wednesday, September 9

Start	End	Event	Abstract Title	Presenters	Moderator
07:30	08:30	Breakfast			
08:30	08:45	Opening Remarks Day 2			
08:45	10:00	Session 4: Digital Tools for Nature-based Solutions			TBD
			Investigating Marsh Boundary Change and Vegetation Composition in British Columbia’s South Coast Using Remote Sensing	Lu Bing	
			Predictive Eco-geomorphic Models for Canadian Saltmarsh Systems: the Importance of Seasonal Dynamics	Acacia Markov	
			Mapping Nature and Risk in Data-Scarce Watersheds: Lessons from the Philippines	Ana Polgár	
			Assessing the Wave Energy Attenuation of Engineered Kelp Fields in Highly Exposed Subduction Margins	Patricio Winckler	
			Community Science Informing Conservation and Restoration in Tsehum Harbour: How Forage Fish Data is Driving Local Resiliency	Kyle Armstrong	
10:00	10:15	Break			
10:15	11:15	Workshop 2: Smartphone Based Coastal Erosion Monitoring			TBD
11:15	11:30	Break			
11:30	12:00	Session 5: Rapid Talks			TBD
			Post Construction Updates from Two Innovative BC NbCS	Michael Tramner	
			Protecting Space for Saltmarsh Migration: Sea-Level Rise Impacts on PEI’s Salt Marshes	Ellie Simpson	
			Inlailawatash Shoreline Restoration Program in səilwət/Burrard Inlet and Stó:lō/Fraser River Estuary	Cassidy Barraca	
			Towards Improved Design Guidance and Modelling Tools for Dynamic Revetments	Maya Giss	
			Water, Wood, Plants, Mud and People - Stories From 2 Years of Coastal Systems Engineering Research at UBC	Enda Murphy	
12:00	13:00	Lunch Break			
13:00	14:00	Session 6: Flood Adaptation			TBD
			Kus-kus-sum – 5-years of Restoration and Learnings at a Past Industrial Sawmill	Caitlin Pierzchalski	
			The Unexpected Adaptation to Regulatory Response to Nature-Based Solutions in Hamilton Harbor	Philippe April-LeQuere	
			Integrating Nature-Based Solutions into Urban Coastal Hazard and Resilience Planning: A Story of Vancouver Parks	Jessica Wilson	
			Backgrounder on Design Guidelines for Nature-Based Solutions (NbS) for Flood Infrastructure (currently in development)	Yannic Brugman	
14:00	14:30	Break			
14:30	15:30	Panel 2: Trade-offs with Uncerntainty and Risk in: Communication, Design, and Construction of Nature-based Solutions			TBD
15:30	16:00	Workshop Closing Remarks and Cultural Closing			

Day 3: Thursday, September 10

Field Trip

