



DOWN BY THE RIVER & SEA

A TWO-PART EDUCATIONAL SERIES FOCUSED ON THE FUTURE OF THE SACO RIVER WATERSHED AND THE FUTURE OF SACO BAY

SESSION #1

DOWN BY THE RIVER WEBINAR AND FIELD EXPERIENCE

Health of Saco River Watershed Webinar: Tuesday, September 10, 2024 11:00 AM – 1:00 PM Eastern Time	Skelton Dam & Maine Water Company Site Visit: Thursday September 12, 2024 12:00 PM – 2:00 PM
<p>The session will focus on the long-term health and vitality of the Saco River Watershed, which stretches from New Hampshire's White Mountains to Saco Bay. Waterways throughout the world are facing serious challenges, including climate change impacts, pollutants, impacts from invasive plant and animal species, and more. Since late in the 20th century, significant progress has been made in protecting our lakes, rivers and streams. This important work has resulted in the development of ever-expanding tools and techniques for pollution protection, erosion and sediment control, more responsible development and more. Attendees will be brought up to date on our current progress and will also be presented with guidance for the important work that will be required to maintain this precious resource.</p>	<p>Explore the hydroelectric power generation site at Skelton Dam on the Saco River between Buxton and Dayton Maine. This dam was originally built in 1948. This tour will allow an up-close experience of the Dam and better understanding of its role in the watershed. Maine Water Company will lead this field experience and communicate the relationship between the water company and Brookfield Renewable, the current owner.</p> <p>Details about meeting location shared after registration</p> <p>Site Leaders:</p> <p>Matt Leblanc Environmental Specialist Brookfield Renewables – Matt graduated</p>

Both webinar sessions will be led by Peter M. Hanrahan, CPESC, Principal of Hanrahan Environmental, LLC of Topsham, Maine. Mr. Hanrahan has more than 46 years of construction industry experience, and has made presentations all over the United States, and also in Taiwan, Canada and the Dominican Republic.	<p>from UNE with a degree in marine biology. He has been employed by Brookfield since 1994 as an environmental specialist for hydropower regarding anything on the Saco River. His focus is on fisheries, fish, wildlife, water quality and recreation on the Saco River.</p> <p>Mary Jane Dillingham Water Quality Manager Maine Water Company</p> <p>Joe Dignam Chief Plant Operator Maine Water Company</p>
<p>Pre-Registration Required Here - \$15 fee for both webinars</p> <p>Certificates will be available for two (2.0) Professional Development Hours (PDH) to all webinar participants.</p>	<p>Pre-registration required here – site visits are free</p> <p>Certificates will be available for two (2.0) Professional Development Hours (PDH) to all field trip participants.</p>

SESSION #2

DOWN BY THE SEA WEBINAR AND FIELD EXPERIENCE

Coastal Climate Impacts at Saco Bay Webinar: Wednesday, September 25, 2024 11:00 AM – 1:00 PM Eastern Time	UNE Living Shoreline Tour: Thursday, September 26, 2024 9:30 AM – 11:30 AM Eastern Time
The Saco River reaches its termination at Saco Bay, where the river meets the sea. The impacts of climate change, sea level rise and coastal erosion have been significant in Maine and along coastlines worldwide. In January of this year, Maine experienced two of its three most extreme coastal flooding events on records, and these records go back more than 100 years. This was a stark reminder of how climate change and rising seas are impacting our highly vulnerable coastlines. The two storms did more than 70 million dollars' worth of damage to Maine public coastal infrastructure alone. This	<p>Join us at UNE for a hands-on tour of the living shoreline demonstration site. Gain first-hand knowledge about how to plan and implement living shoreline practices as climate mitigation. Also learn about the future applications and connections of these practices within the watershed.</p> <p>This educational opportunity will be led by Pam Morgan a professor at</p>

<p>session will focus on the difficult decisions ahead of us as we prepare for the future. Discussion will center around tools and techniques for coastal protection, strategies for adaptation, planned abandonment and more.</p> <p>Both webinar sessions will be led by Peter M. Hanrahan, CPESC, Principal of Hanrahan Environmental, LLC of Topsham, Maine. Mr. Hanrahan has more than 46 years of construction industry experience, and has made presentations all over the United States, and also in Taiwan, Canada and the Dominican Republic.</p>	<p>the University of New England. She teaches courses in conservation, wetlands and ecological monitoring. Her research focuses on wetland ecology and conservation and on the interactions between climate change and wetlands.</p> <p>Details about meeting location will be shared after registration</p>
<p>Pre-Registration Required Here - \$15 fee for both webinars</p> <p>Certificates will be available for two (2.0) Professional Development Hours (PDH) to all webinar participants.</p>	<p>Pre-Registration Required Here – site visits are free</p> <p>Certificates will be available for two (2.0) Professional Development Hours (PDH) to all field trip participants.</p>

Each webinar qualifies for two (2.0) Continuing Education Hours (CEH) for individuals Certified in Erosion Control Practices by Maine DEP. Each CEH affords certified individuals one year of recertification. Be sure to notify the host organization of your certification status to ensure DEP is notified and credit is properly applied.

Please email kjohnson57@une.edu with any questions