

2020 WaterWatch Lecture Series

Wednesdays at 7:00 pm

January 15–March 4, 2020 • FREE ADMISSION!

at the South Shore Natural Science Center, 48 Jacobs Lane, Norwell



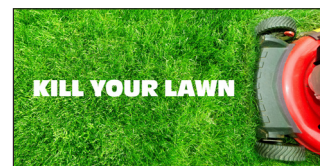
January 15 - Water is the Blood of Creation - Jonathan James Perry, Aquinnah Wampanoag Nation - Water is an integral part of the Wampanoag peoples' identity and connection to Creation. Their interdependence on the waterways has spanned for thousands of years and continues to be paramount for their health, transportation, subsistence, and ceremonies. Join us to learn from Aquinnah Wampanoag Councilman, culture bearer, artist, and traditional boat maker Jonathan James Perry as he discusses the Northeastern coastal Native peoples' respect for and usage of the complex water systems along the New England coast line.

January 22 - The 400th Anniversary of the Mayflower - Whit Perry, Plymouth Plantation - 2020 marks the 400th Anniversary of the Mayflower landing at Plymouth and the birth of our nation. Join us for this exciting presentation about the historic restoration of the Mayflower and the celebratory sail planned for May of 2020 from Charlestown in Boston Harbor.



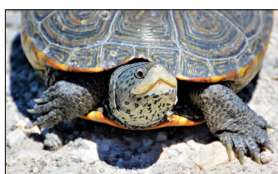
January 29 - Mosquitos, Spraying and Triple EEE - Blake Dinius, Plymouth County Extension Entomologist - More than just annoying, mosquitoes may be the most dangerous animal in the world (Great white sharks, step aside!) The incidence of eastern equine encephalitis (EEE) in Plymouth county ranks among the highest in the nation. Join Plymouth County Entomologist Blake Dinius in understanding why mosquitoes bite and carry these diseases and the current science behind how we can protect ourselves against mosquito borne illness.

February 5 - Kill Your Lawn - Mark Richardson, Tower Hill Botanical Director - According to NASA, in the United States more surface area is covered by lawn than by any other single irrigated crop. Lawns are resource-heavy, requiring irrigation, fertilizer, and pesticides to thrive in our climate. Learn how to replace your lawn with beautiful and environmentally friendly native plantings from Tower Hill Botanic Garden's director of horticulture Mark Richardson, co-author of Native Plants for New England Gardens.



February 12 - Shad, River Herring and Eels in Massachusetts - John Sheppard, Massachusetts Division of Marine Fisheries - These curious fish migrate thousands of miles between fresh and saltwater and are incredibly important to our ocean and aquatic food webs. John Sheppard of the Massachusetts Division of Marine Fisheries Diadromous Fish Project will share the latest news about their current populations and efforts to restore their habitat. These fish are incredibly important but their populations are at historic lows but recent efforts to restore their habitat are showing promise!

February 19 - Climate Change Cafe: Keeping Your Head Above Water - Alexandra Vecchio, Mass Audubon Climate Change Program Manager - The subject of climate change with all of its ramifications can be overwhelming. We know our life choices have significant impacts on the health of our communities and planet. We struggle with individual action plans that can make a difference. Join us as Alexandra provides some insight and leads us in a discussion that will empower us to make positive choices in our communities and beyond.



February 26 - The Life History and Conservation of the Diamondback Terrapin - Patty Levasseur, Graduate Researcher, Mass Audubon Wellfleet Bay & University of Massachusetts - A once abundant turtle species, diamondback terrapins were an important food source for the Continental Army and later for slaves on coastal plantations dating back to the 1700s. Terrapin meat later became a delicacy for the elite and was heavily exploited to near extinction. Today, diamondback terrapins are listed as protected or regulated throughout their range, however they face additional threats including habitat loss, nest depredation, road mortality and drowning in crab traps. Conservation work is being done throughout their range to combat these threats in hopes of recovering populations of this unique turtle.

March 4 - Weather vs. Climate and Climate Change - Eleanor Vallier-Talbot, Meteorologist National Weather Service - Weather watchers everywhere have been seeing the changes that have been happening around us, especially with the increasing number and intensity of storms locally and worldwide. Prolonged droughts have also caused major problems, especially with dwindling water and food supplies. This presentation will review what the differences are between weather and climate, then will shift into how the changing climate has been wreaking havoc along the coastline, across the mountains as well as the plains.

