

CZ-Mail - September 2024

The monthly email newsletter from the Massachusetts Office of Coastal Zone Management (CZM).

Welcome to CZ-Mail, the monthly electronic newsletter from the Massachusetts Office of Coastal Zone Management (CZM). Each issue provides information on major CZM initiatives, available tools and publications, upcoming workshops and events, grants, contracting opportunities, job openings, and other news of interest to people working on coastal issues. Additional information about CZM's programs, publications, and other coastal topics can be found on the [CZM website \(/orgs/massachusetts-office-of-coastal-zone-management-czm\)](#). To subscribe to CZ-Mail, send a blank email (please be sure that the email is completely blank, with no signature line) to join-env-czmail@listserv.state.ma.us (<mailto:join-env-czmail@listserv.state.ma.us>). Also, feel free to share CZ-Mail with colleagues and friends—and if you have any suggestions for future editions or would like to make a change to your subscription, email your request to [CZ-Mail@mass.gov](mailto:CZ-Mail@mass.gov?subject=CZ-Mail%20Request) (<mailto:CZ-Mail@mass.gov?subject=CZ-Mail%20Request>). For periodic updates from CZM between CZ-Mail editions, follow us on [Twitter](https://x.com/massczm) (<https://x.com/massczm>).

All links on this web page were current and working on the date of publication.

Highlights

\$628,702 in Coastal Habitat and Water Quality Grants Announced - On August 27, the Executive Office of Energy and Environmental Affairs (EEA) announced \$628,702 in grant funding for projects to protect coastal water quality and restore coastal habitat in Massachusetts. The CZM [Coastal Habitat and Water Quality \(CHWQ\) Grants \(/info-details/coastal-habitat-and-water-quality-grants\)](#) support efforts to address polluted stormwater runoff to protect coastal water quality and habitat, develop comprehensive coastal habitat restoration plans, and implement priority habitat restoration actions. One priority of the grant program is to support implementation of stormwater green infrastructure, which uses approaches that replicate natural processes to filter and treat pollutants in runoff. The six funded projects are matched by \$115,978 from municipal and non-profit sources, demonstrating a strong local commitment to coastal water quality and habitat. Together these projects will help keep beaches and shellfish harvesting areas open and advance coastal habitat restoration planning:

- **Ipswich River Watershed Association** - \$137,053 to develop a comprehensive habitat restoration plan to improve aquatic habitat and riverine conditions in the Ipswich River. The river, which is crucial habitat for diadromous fish species, has become degraded due to low dissolved oxygen levels, high bacteria levels, and barriers to flow. This project will assess current habitat conditions and develop strategies and recommendations to improve diadromous fish habitat in the river.
- **Needham** - \$125,425 to advance assessment and designs for green stormwater infrastructure along Alder Brook, a tributary of the Charles River. The project will reduce phosphorous inputs to the Brook by capturing and treating stormwater before reaching the waterbody. The Town will work in partnership with the Charles River Watershed Association to advance the project.
- **Newton** - \$173,339 to advance permitting and engineering of green stormwater infrastructure along Cheesecake Brook. The proposed management techniques will aim to reduce phosphorous and bacteria impacts to the brook and the Charles River, which are currently impacted by these pollutants. The City will work in collaboration with the Charles River Watershed Association to complete this work.
- **Rehoboth** - \$87,500 to quantify calculations of nutrient levels in runoff, identify locations for green stormwater infrastructure, update stormwater and zoning bylaws to reduce stormwater impacts, host green stormwater infrastructure maintenance trainings to build capacity in the municipality, and conduct outreach with residents and local farmers on stormwater management. This project holistically targets water quality improvements in the Palmer River Watershed.
- **Saugus River Watershed Council** - \$56,700 to assess stormwater runoff volume and pollutant levels from municipal properties in the Saugus River watershed. Through GIS analyses and on-site field assessments, the Council will assess existing conditions, model climate scenarios, and investigate levels of impact to the Saugus River watershed. The data collected will inform site selection and initial designs for green stormwater infrastructure to address stormwater impacts in the region.
- **Wildlands Trust** - \$48,685 to complete a habitat restoration plan in the Plymouth, Duxbury, and Kingston (PDK) Bay Area. Focusing on the 30 miles of coastline and numerous tributaries to the bay, the project will assess existing data, management plans, and community knowledge to identify opportunities to protect coastal habitat. Formation of the PDK Bay Coalition as part of the project will bring together local leaders and experts to lead plan development, coordinate municipal efforts, and share resources.

For additional details, see the [press release \(/news/healey-driscoll-administration-awards-629000-to-protect-coastal-water-quality-and-restore-habitat\)](#), as well as the link below for news coverage. (Article may only be available for a limited time. Not working? Try copying the web address directly into your browser, rather than clicking on it.)

- [Rehoboth Awarded \\$87,500 State Grant for Water Quality Improvements](https://www.thesunchronicle.com/news/local_news/rehoboth-awarded-87-500-state-grant-for-water-quality-improvements/article_fc56a652-649a-11ef-a2f5-7b9b79b88a9a.html) - *The Sun Chronicle*, 8/27/24

Volunteer for COASTSWEEP 2024! - COASTSWEEP, the annual statewide beach cleanup sponsored by CZM, officially kicks off this month. Volunteers throughout Massachusetts turn out in large numbers each year for this event, which is part of the [International Coastal Cleanup](https://oceanconservancy.org/trash-free-seas/international-coastal-cleanup/) organized by the Ocean Conservancy. Participants all over the world collect trash and other marine debris and record what they find. This information is then used to help reduce future marine debris problems. There is still time to sign up to be a local cleanup coordinator for your favorite beach, marsh, dive site, and riverbank—cleanups can be scheduled through early November. Volunteers can also join a scheduled public cleanup. To get involved, see the [COASTSWEEP website](https://oceanconservancy.org/trash-free-seas/international-coastal-cleanup/) which includes a [cleanup list](https://oceanconservancy.org/trash-free-seas/international-coastal-cleanup/) that is updated every week. To receive reminders of when new cleanups are posted, please send a blank email (completely blank, with no signature line) to join-env-coastswEEP-volunteers@listserv.state.ma.us.

CZM Staff and People

Coastal Habitat and Water Quality Specialist - In August, CZM welcomed Ally Overbay to the Coastal Habitat and Water Quality Team to provide technical support and project management assistance for restoration projects awarded through the Bipartisan Infrastructure Law (BIL). Ally is experienced in long-term conservation planning, environmental communications, project management, and coastal ecosystems. She has a M.S. in Environmental Science and Management from the University of Rhode Island and a B.S. in Environmental Science and Management from the University of California, Davis. Welcome Ally!

Grants/Funding/Proposal Opportunities

Inclusive and Accessible Outdoor Recreation Grants Program - The Massachusetts Office of Outdoor Recreation is seeking applications for the [Inclusive and Accessible Outdoor Recreation Grants Program](https://oer.state.ma.us/inclusive-and-accessible-outdoor-recreation-grants-program/), which provides grants up to \$10,000 for eligible organizations to help create new inclusive and accessible outdoor recreation events in the Commonwealth or to enhance existing Massachusetts events with new inclusive and accessible features. The grants are open to nonprofits, municipalities, state agencies, tribal governments, and partnerships between eligible grantees and private organizations. Applications are due by September 13 at 5:00 p.m.

Cranberry Bog and Coastal Wetlands Restoration Grants - The Massachusetts Division of Ecological Restoration (DER) is seeking grant applications for planning, design, and construction of cranberry bog and coastal wetlands restoration projects. The purpose of these grants is to support public and private entities engaged in restoration efforts to remove stressors that impair the function and resiliency of wetland and stream habitats in Massachusetts. Eligible applicants include any state, regional, or municipal organization, non-governmental agency, and public or private entity that either owns or has the authority to represent the owner of the proposed restoration project site. To be eligible for Construction Funding, the proposed project must be an existing DER Priority Project. For more information, see the [DER website](https://der.state.ma.us/cranberry-bogs-coastal-wetlands-restoration-grants/). Applications are due by September 23 at 4:00 p.m.

Citizen Science Funding - National Oceanic and Atmospheric Administration (NOAA) Fisheries is seeking proposals for several Citizen Science projects that will help improve federal fishery stock assessments or contribute to understanding how fish species and fishing communities may be impacted by climate change. Approximately \$600,000 may be available for grants of \$75,000-\$200,000 each. Eligible applicants include individuals, institutions of higher education, other nonprofits, for-profit organizations, foreign public entities or foreign organizations, and state, local, territorial, and Indian tribal governments. Optional, but strongly encouraged, Letters of Intent are due by September 5. Full proposals are due November 4. For more information and to apply, see the [Grants.Gov website](https://grants.gov/search-results-detail/355877?showPackages=1).

Coastal Program - The U.S. Fish and Wildlife Service is seeking proposals for the [Coastal Program](https://www.fws.gov/coastal/), which provides direct technical and financial assistance in the form of cooperative agreements to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. For more information, see the [Grants.gov website](https://www.grants.gov/search-results-detail/350418). Applications are due by September 30.

Tribal Climate Resilience Funding - The Bureau of Indian Affairs is soliciting proposals from federally recognized tribes and authorized tribal organizations for the Tribal Climate Resilience (TCR) program to support tribal climate resilience efforts. Priority will be given to projects that address imminent climate-related threats to human health and safety and tribal capacity to tackle those threats, and to tribes that have not received a TCR award greater than \$100,000 in previous years. Proposals are sought that address planning, implementation, relocation, managed retreat, as well as environmental justice and equity, sustainability, infrastructure, vulnerable economies, natural and cultural resources, agriculture, conservation, habitat restoration, or improvements. For more information and to apply, see the [Request for Proposals](https://www.bia.gov/sites/default/files/media_document/bia_tcr_2024_annual_awards_program_rfp.pdf) (PDF, 383 KB), which are due by October 18.

Healthy Communities Grants - The U.S. Environmental Protection Agency (EPA) is seeking applications for the 2024 Healthy Communities Grant Program to address air quality, asthma and indoor air, children's health, school air pollution, energy efficiency, environmental justice, pollution prevention, sustainable materials, toxic substances, and/or water infrastructure. EPA expects to award approximately 15 grants up to \$40,000 each through FY2025 for projects in New England. Informational webinars are scheduled on September 10 and October 2. For more information and to apply, see the [EPA website](https://www.epa.gov/newenglandhc/healthy-communities-grant-program-new-england). Proposals are due by November 1.

Reminders - These opportunities, listed previously in CZ-Mail, are still open:

- **Technical Assistance Grants** - The Massachusetts Department of Environmental Protection (MassDEP) is seeking proposals for Fiscal Year 2025-26 [Technical Assistance Grants](https://massdep.state.ma.us/technical-assistance-grants-waste-site-cleanup/) to support public involvement during oil and hazardous material disposal site assessment and cleanup under the Massachusetts Contingency Plan. Eligible applicants include groups of individuals, such as community groups and

neighborhood associations, who may have been impacted by an eligible disposal site; public water supplies; or municipalities or government agencies. Up to \$200,000 is available for this grant round, with up to \$20,000 per group application. For more information, including specific eligibility requirements and application instructions, see the [grants web page](#) ([/info-details/technical-assistance-grants-waste-site-cleanup](#)). Applications are due September 6.

- **Marine Debris Grant Opportunities** - The NOAA Marine Debris Program is seeking proposals to fund both [Marine Debris Removal and Interception Technologies](#) (<https://blog.marinedebris.noaa.gov/two-grant-opportunities-now-open-fy25-marine-debris-removal-and-interception-technologies-under>). Up to \$54 million is available from the Bipartisan Infrastructure Law to support large-scale marine debris removal projects and installation of proven marine debris interception technologies in the coastal United States, Great Lakes, and territories. Notices of Intent (NOIs) for Marine Debris Removal Grants can be submitted through September 27. NOIs for Marine Debris Interception Technologies can be submitted through October 9.
- **EPA Community Change Grants** - EPA is seeking applications for the Environmental and Climate Justice Community Change Grants Program (Community Change Grants) for approximately \$2 billion in Inflation Reduction Act funds to benefit disadvantaged communities through projects that reduce pollution, increase community climate resilience, and build community capacity to address environmental and climate justice challenges. Partnerships between two community-based nonprofit organizations or one organization and a federally recognized tribe, local government, or institution of higher education are eligible to apply. For more information, see the [EPA website](#) (<https://www.epa.gov/inflation-reduction-act/inflation-reduction-act-community-change-grants-program>). Proposals are due by November 21.
- **Community Grow Grants** -The Grassroots Fund is seeking grant applications for environmental projects from community groups who represent a broad range of voices, have some experience implementing local projects, and are not being reached by other funders. Grants of \$1,000-4,000 will be awarded. For details, see the [Grass Roots Fund website](#) (<https://grassrootsfund.org/grant-programs/grow-grants>). Applications are due by September 17.

Online Tools and Resources

Interactive Stormwater Maps - The Buzzards Bay National Estuary Program has released four new interactive maps in support of the Buzzards Bay Stormwater Collaborative. The maps help to evaluate stormwater outfalls, show the status of illicit discharge detection and elimination (IDDE) investigations, and provide strategies for Municipal Separate Storm Sewer System (MS4) initiatives. The Sampling Dashboard is designed for use on smart phones and supports field investigations. The new mapping products are available on the [Buzzards Bay Stormwater Collaborative website](#) (<https://stormwater.buzzardsbay.org/newmap.html>).

Map That Cape Cod - The Center for Coastal Studies in Provincetown has released [Map That Cape Cod](#) (<https://www.mapthatcapecod.com/>), an online data portal with interactive maps and spatial applications focused on sediment management, coastal resources, emergency preparedness, and the regulatory considerations for shoreline projects. The portal is one component of a five-year coastal resilience project, supported by CZM in coordination with Eastham, Wellfleet, Truro, and Provincetown, to provide coastal resource managers with proactive planning and decision-making tools.

Climate Resilience and Bylaw Review Tool - The Southeast New England Program Network and Mass Audubon have released the [Climate Resilience and Bylaw Review Tool](#) (<https://www.massaudubon.org/content/download/54077/file/Bylaw-Review-Tool-MS4-Updated-2022.xlsx?inLanguage=eng-US&version=1>) (downloadable Excel file, 409 KB), a Microsoft Excel-based tool accompanied by a [Story Map with step-by-step instructions](#) (<https://storymaps.arcgis.com/stories/e37dbafd001a401c8f56b99708f25636>). Planners, municipal officials, and other users can access the tool to evaluate local land use bylaws and consider ways to support nature-based climate resilience solutions, including green stormwater infrastructure and Low Impact Development. Details on the new tool are also available on the [Bylaw Review Tool Fact Sheet](#) (<https://snepnetwork.org/wp-content/uploads/2024/06/Bylaw-Review-Factsheet-FINAL.pdf>) (PDF, 510 KB).

New Resources and Data from NOAA Digital Coast - NOAA's [Digital Coast](#) (<https://coast.noaa.gov/digitalcoast/>) has posted these new resources:

- **Historical Hurricane Tracks Tool** (<https://coast.noaa.gov/digitalcoast/tools/hurricanes.html>) - Updated with 2023 data, this interactive mapping tool allows users to view, analyze, and share past hurricane data.
- **Needs Assessment Guide** (<https://coast.noaa.gov/elearning/guide/needs/>) - This online guide provides step-by-step instructions to assess training, education, tools, data, and other needs for successfully addressing coastal management issues.
- **New and updated data sets** (https://ocm-web-ops-listmonk.azurewebsites.net/uploads/DCC_Aug24_Data.pdf) (PDF, 123 KB)

Products/Publications

Waterfront Planning Tool - Boston Harbor Now has released [Visualizing Harborwalk 2.0](#) (https://www.bostonharbornow.org/wp-content/uploads/2024/07/Visualizing-Harborwalk-Doc_Landscape_122123.pdf) (PDF, 24 MB), which presents a vision for a future waterfront highlighting best development practices that promote climate resilience, equity, and access along the Boston Harbor waterfront, other urban waterfronts in Massachusetts, and beyond.

Newsletters and Other Periodicals

Coastal & Estuarine Science News - The third 2024 issue of [Coastal & Estuarine Science News](#) (<https://cerf.memberclicks.net/cesn-2024-issue-3>), the newsletter of the Coastal & Estuarine Research Foundation, includes articles on thriving Least Tern populations in the Gulf of Mexico during the COVID-19 lockdown, healthy mangroves and resilience to sea level rise, and other coastal and estuarine research topics.

Ebb & Flow - The Summer 2024 issue of [Ebb & Flow](#) ([/info-details/ebb-flow-summer-2024](#)), the DER eNewsletter, reports on a new salt marsh restoration monitoring report, a dam removal celebration, new staff, and other restoration project updates, funding opportunities, and resource links.

NOAA HabitatNews - The August 2024 issue of [HabitatNews](https://content.govdelivery.com/accounts/USNOAAFISHERIES/bulletins/3afb9d6) (<https://content.govdelivery.com/accounts/USNOAAFISHERIES/bulletins/3afb9d6>), a newsletter of the NOAA Fisheries Office of Habitat Conservation, includes items on \$45 million in recommended funding for 27 coastal project that address habitat restoration and climate resilience, an upcoming dam removal project that will open 420 miles of salmon habitat in Klamath River watershed in California and Oregon, and other marine fisheries habitat topics.

Public Notice/Public Comment

Please note: All official CZM requests for public comment are published in the Public Notices section of the [Environmental Monitor](#) (</service-details/the-environmental-monitor>), the bi-weekly publication from the Massachusetts Environmental Policy Act (MEPA) Office.

Interagency Offshore Wind Council Comment Opportunity - The Massachusetts Interagency Offshore Wind Council (IOWC) is seeking input on the development of an Offshore Wind Strategic Plan that will: 1) assess and describe the current status of the offshore wind industry in the Commonwealth and the region, existing legal and policy frameworks, and progress to date; 2) identify key drivers, gaps and needs, and findings relating to offshore wind development; and 3) lay out a long-term vision for offshore wind and recommend specific actions and strategies necessary to advance goals and objectives by 2040. Informational slides will be posted on the [IOWC website](#) (</info-details/interagency-offshore-wind-council>) at the start of the written public comment period on September 4. The IOWC will hold public information meetings on September 11 from 5:00-6:30 p.m. and September 12 from 1:00-2:30 p.m. for interested parties to learn about the progress of the IOWC, outreach efforts, draft Strategic Plan recommendations, and timeline for completion, with an opportunity for brief public comments (2-3 minutes per person) ([register here](https://vhb.zoom.us/webinar/register/WN_VH8UTKuWSimjBYILS9zjGQ#/registration) (https://vhb.zoom.us/webinar/register/WN_VH8UTKuWSimjBYILS9zjGQ#/registration)). The IOWC will accept written comments on the draft recommendations through September 18 at 5:00 p.m.

Jobs/Internships

Director of Communications - MassDEP is seeking a Director of Communications to support the department and ensure the agency's mission, objectives, and achievements in protecting and enhancing the Commonwealth's natural resources are communicated efficiently and effectively to the media and public. For details and to apply, see the [position posting](https://massanf.taleo.net/careersection/ex/jobdetail.ftl?job=240007AA&tz=GMT-04%3A00&tzname=America%2FNew_York) (https://massanf.taleo.net/careersection/ex/jobdetail.ftl?job=240007AA&tz=GMT-04%3A00&tzname=America%2FNew_York).

Coastal Resilience Specialist - The Town of Falmouth is seeking a Coastal Resilience Specialist to lead the town's efforts to protect coastal resources and infrastructure and address the current and future impacts of sea level rise and climate change. For details, see the job posting.

Right Whale Internship - The Center for Coastal Studies in Provincetown is seeking a seasonal Right Whale Ecology Program vessel observer and photo-ID intern to document the abundance, distribution, and behavior of North Atlantic right whales and their food resource in Cape Cod Bay and adjacent Massachusetts waters. The internship runs from January 6-May 30, 2025. For more information, including application details, see the [Center's Employment page](#) (<https://coastalstudies.org/about-2/employment/>). Applications are due by September 20.

Reminders - These job postings, listed previously in CZ-Mail, are still open:

Other Full-Time Positions

- [Atlantic White Shark Conservancy Research Scientist](https://www.atlanticwhiteshark.org/employment) (<https://www.atlanticwhiteshark.org/employment>)
- [Ipswich River Watershed Association Advocacy Program Manager](https://www.ipswichriver.org/careers/) (<https://www.ipswichriver.org/careers/>)
- [Merrimack River Planning Commission Environmental Program Manager](https://mvpc.org/about/careers/) (<https://mvpc.org/about/careers/>)
- [Metropolitan Area Planning Council Positions](https://www.governmentjobs.com/careers/mapc) (<https://www.governmentjobs.com/careers/mapc>)
- [Neponset River Watershed Association Positions](https://neponset.org/employment/) (<https://neponset.org/employment/>)
- [Sea Education Association \(SEA\) Positions](https://sea.edu/about-us/employment/) (<https://sea.edu/about-us/employment/>)
- [The Trustees of Reservations Jobs](https://thetrustees.org/trustees-of-reservations-jobs/) (<https://thetrustees.org/trustees-of-reservations-jobs/>)
- [Wareham Land Trust Executive Director](https://warehamlandtrust.org/were-hiring-position-executive-director/) (<https://warehamlandtrust.org/were-hiring-position-executive-director/>)

Other Part-Time or Seasonal Positions

- [Parker River National Wildlife Refuge Positions](https://www.fws.gov/refuge/parker-river/get-involved) (<https://www.fws.gov/refuge/parker-river/get-involved>)
- [The Trustees of Reservations Jobs](https://thetrustees.org/trustees-of-reservations-jobs/) (<https://thetrustees.org/trustees-of-reservations-jobs/>)

Calendar - Individual Events and Announcements

Looming Deadlines for Coastal Resilience - September 9, webinar from the Union of Concerned Scientists.

Exploring MPAs Around the World with Case Studies Using the MPA Guide (https://us02web.zoom.us/webinar/register/WN_AO7_njnuSeq5GOUcArQQuA#/registration) - September 11, webinar from Open Communications for the Oceans (OCTO) on Marine Protected Areas (MPA).

2024 Youth Ocean Conservation Summit (<http://www.yocs.org/2024-summit.html>) - September 14, annual conference for students and youth leaders in partnership with Mote Marine Laboratory to be held in Sarasota, Florida.

[It's a Hard Dock Life: Finding and Identifying Marine Invasive Species](https://trailsandsails.org/events/its-a-hard-dock-life-finding-and-identifying-marine-invasive-species-2/) (<https://trailsandsails.org/events/its-a-hard-dock-life-finding-and-identifying-marine-invasive-species-2/>) - September 15, hands on marine invasive species event for all ages sponsored by MassBays, Maritime Gloucester, and the Merrimack Valley Planning Commission to be held in Gloucester as part of the **[Essex National Heritage 2024 Trails and Sails](https://trailsandsails.org/)** (<https://trailsandsails.org/>). To participate, please **[reserve a time slot](https://www.eventbrite.com/e/trails-and-sails-its-a-hard-dock-life-tickets-919017023657?aff=oddtcreator)** (<https://www.eventbrite.com/e/trails-and-sails-its-a-hard-dock-life-tickets-919017023657?aff=oddtcreator>).

[New England Water Works Conference](https://www.newwa.org/Events/AnnualConference.aspx) (<https://www.newwa.org/Events/AnnualConference.aspx>) - September 15-18, annual conference for drinking water professionals to be held in North Falmouth.

[Legal Basics 101: An Introduction to Chapter 91](https://ebcne.org/event/legal-basics-101-an-introduction-to-chapter-91-an-ebc-lunch-learn-webinar/) (<https://ebcne.org/event/legal-basics-101-an-introduction-to-chapter-91-an-ebc-lunch-learn-webinar/>) - September 18, lunchtime webinar from the Environmental Business Council of New England (EBC) on the Massachusetts Public Waterfront Act (Chapter 91).

[Funding and Financing Coastal Resilience: Spotlight on Public-Private Partnerships](https://docs.google.com/forms/d/e/1FAIpQLSdTp5cqLNVkZSLKH-FZ5E4BigVcsaGjWgcX_54mLaKF0GALg/viewform)

(https://docs.google.com/forms/d/e/1FAIpQLSdTp5cqLNVkZSLKH-FZ5E4BigVcsaGjWgcX_54mLaKF0GALg/viewform) - September 26, webinar from NOAA's Office for Coastal Management.

[Community Engagement for Climate Resilience: What is it and how do you do it well?](https://climateadaptationforum.org/event/community-engagement-for-climate-resilience-what-is-it-and-how-do-you-do-it-well/)

(<https://climateadaptationforum.org/event/community-engagement-for-climate-resilience-what-is-it-and-how-do-you-do-it-well/>) - September 27, Climate Adaptation Forum from EBC to be held in Boston, with a virtual option.

[Regional Climate Change Impacts Panel Discussion](https://savethetaunton.org/event/regional-climate-change-impacts-panel-discussion/) (<https://savethetaunton.org/event/regional-climate-change-impacts-panel-discussion/>) - September 28, discussion on climate change, regional impacts, and mitigation strategies sponsored by the Taunton River Watershed Alliance.

[Coastal GeoTools 2025—Call for Abstracts](https://coastalgeotools.org/call-for-abstracts/) (<https://coastalgeotools.org/call-for-abstracts/>) - January 27-30, 2025, biennial conference sponsored by the Association of State Floodplain Managers to be held in Wilmington, North Carolina. Abstracts are due by September 30.

[Martha's Vineyard Coastal Conference](https://seagrant.whoi.edu/regional-topics/storms-erosion-flooding/mvncc/2024-mvcc/) (<https://seagrant.whoi.edu/regional-topics/storms-erosion-flooding/mvncc/2024-mvcc/>) - October 1, free conference sponsored by CZM, Barnstable County, Wampanoag Tribe of Gay Head, The Trustees of Reservations, Martha's Vineyard Commission, and Woods Hole Sea Grant with the theme, "Building Coastal Resilience," focusing on managed retreat in action, understanding flood risk, and homeowners and flood insurance, to be held at the at the Martha's Vineyard Film Society in Vineyard Haven.

[Climate Beacon Conference](https://www.climatebeacon.org/2024-conference) (<https://www.climatebeacon.org/2024-conference>) - October 16-18, 2nd annual Climate Beacon Conference to be held in Boston with a focus on building better, renewable energy, transportation, and climate adaptation.

[Coastal Inundation Community of Practice Workshop](https://adaptationprofessionals.org/coastal-inundation-community-of-practice-workshop/) (<https://adaptationprofessionals.org/coastal-inundation-community-of-practice-workshop/>) - November 12-14, event for coastal flooding practitioners from the American Society of Adaptation Professionals to be held in Seattle, Washington.

[National Working Waterfront Network Conference](https://nationalworkingwaterfronts.com/nwn-2025-conference-san-diego/) (<https://nationalworkingwaterfronts.com/nwn-2025-conference-san-diego/>) - February 4-6, 2025, annual conference on working waterfronts and ports with the theme, "Working Waterfronts: Adapting to Change," to be held in San Diego, California.

[National Monitoring Conference](https://nwmqconference.org/) (<https://nwmqconference.org/>) - March 10-14, 2025, 14th National Monitoring Conference sponsored by the National Water Quality Monitoring Council with the theme "Working Together for Clean Water" to be held in Green Bay, Wisconsin.

[2025 National Watershed and Stormwater Conference](https://cwp.org/2025-national-conference-puerto-rico/) (<https://cwp.org/2025-national-conference-puerto-rico/>) - April 8-10, 2025, annual conference sponsored by the Center for Watershed Protection to be held in San Juan, Puerto Rico.

Reminders - The following calendar items posted previously in CZ-Mail are still to come:

- **[2024 Flood Management Conference](https://floodplain.org/page/AnnualConference)** (<https://floodplain.org/page/AnnualConference>) - September 3-6, 48th annual conference sponsored by the Flood Management Association to be held in Las Vegas, Nevada.
- **[How to Identify and Delineate FEMA Flood Zones in Coastal Areas](https://www.maccweb.org/events/EventDetails.aspx?id=1878995)** (<https://www.maccweb.org/events/EventDetails.aspx?id=1878995>) - September 11, workshop hosted by the Massachusetts Association of Conservation Commissions (MACC) where CZM and MassDEP staff will provide guidance on how to review Federal Emergency Management Agency (FEMA) flood zones within Land Subject to Coastal Storm Flowage (LSCSF), a coastal resource area protected under the Massachusetts Wetlands Protection Act. Examples will be provided on how to find the Limit of Moderate Wave Action (LiMWA), Moderate Wave Action Area (MoWA), Minimal Wave Action Area (MiWA), and other FEMA flood zones. This session is for conservation commissions and their staff, consultants who permit and review coastal projects, and anyone with an interest in learning more about LSCSF.
- **[Great Marsh Restoration Project Tour](https://lp.constantcontactpages.com/ev/reg/prrd6bm?source_id=93e95eeb-20ff-4e77-a576-1efa3b307776&source_type=em&c=U6d2H2ZYWt9QnyM6K6yYHb580hFWka1E_1J6g9NzjDOnSzip50iRFQ==)** (https://lp.constantcontactpages.com/ev/reg/prrd6bm?source_id=93e95eeb-20ff-4e77-a576-1efa3b307776&source_type=em&c=U6d2H2ZYWt9QnyM6K6yYHb580hFWka1E_1J6g9NzjDOnSzip50iRFQ==) - September 12, tour led by Climate Beacon and hosted by The Trustees of Reservations at the Crane Estate in Ipswich on techniques being used to restore 1,400 acres of the Great Marsh.
- **[EBC Sixth Annual New England Energy Leadership Conference](https://ebcne.org/event/ebc-sixth-annual-new-england-energy-leadership-conference/)** (<https://ebcne.org/event/ebc-sixth-annual-new-england-energy-leadership-conference/>) - September 17, virtual conference from EBC featuring leaders in energy policy and programs from New England states.
- **[OneCape Summit](https://onecape.capecodcommission.org/)** (<https://onecape.capecodcommission.org/>) - Sept 18-19, annual summit sponsored by the Cape Cod Commission on climate change, water quality, housing, and the economy on Cape Cod to be held in Harwich.
- **[Be a Better Coastal Adaptation Practitioner with Behavior Change](https://us02web.zoom.us/join/register/WN_-kpDwLUtnExRO_aHw6sgA#/registration)** (https://us02web.zoom.us/join/register/WN_-kpDwLUtnExRO_aHw6sgA#/registration) - September 19, webinar from Open Communications for the Ocean on motivating people to respond to adaptation messages.

- [Network & Learn: Massachusetts Climate Chief Melissa Hoffer](https://ebcne.org/event/network-learn-massachusetts-climate-chief-melissa-hoffer-an-ebc-leadership-program/) (https://ebcne.org/event/network-learn-massachusetts-climate-chief-melissa-hoffer-an-ebc-leadership-program/) - September 25, leadership program presented by EBC with the Commonwealth's Climate Chief Melissa Hoffer on Massachusetts climate priorities and implementation strategies for 2024 and beyond.
- [2024 Annual Water Resources Conference](https://www.awra.org/Shared_Content/Events/Event_display.aspx?EventKey=2024ANNUAL) (https://www.awra.org/Shared_Content/Events/Event_display.aspx?EventKey=2024ANNUAL) - September 30-October 2, joint conference of the American Water Resources Association, Universities Council on Water Resources, and the National Institutes for Water Resources to be held in St. Louis, Missouri.
- [National Zero Waste Conference](https://zwconference.org/) (https://zwconference.org/) - October 2-3, virtual conference from Zero Waste USA and partners.
- [2024 National Coastal and Estuarine Summit](https://estuaries.org/2024-rae-summit/) (https://estuaries.org/2024-rae-summit/) - October 6-10, annual conference sponsored by Restore America's Estuaries to be held in Washington, DC.
- [MassTrails Conference](https://www.masstrailsconference.com/) (https://www.masstrailsconference.com/) - October 20-26, annual conference hosted by the Massachusetts Department of Conservation and Recreation (DCR) to be held in Worcester.
- [North Atlantic Right Whale Consortium Annual Meeting](https://www.narwc.org/annual-meeting.html) (https://www.narwc.org/annual-meeting.html) - October 21-24, annual meeting and workshops to share and discuss right whale conservation topics to be held in Providence, Rhode Island, with a virtual option.
- [Net Zero 2024—Rescheduled](https://capecodclimate.org/nz-24/) (https://capecodclimate.org/nz-24/) - October 24, clean energy conference from the Cape Cod Climate Change Collaborative to be held at Cape Cod Community College in Barnstable.
- [U.S. Symposium on Harmful Algae](https://neiwpc.org/events/ushab12/) (https://neiwpc.org/events/ushab12/) - October 27-November 1, 12th symposium organized by NEIWPC to be held in Portland, Maine.
- [NALMS Symposium](https://www.nalms.org/nalms2024/) (https://www.nalms.org/nalms2024/) - November 5-8, 44th International Symposium of the North American Lake Management Society (NALMS) with a focus on “Managing Lakes under Changing Climates” to be held in South Lake Tahoe in California and Utah.

Calendar - Multiple/Ongoing Events

[APCC Events](https://apcc.org/news-events/events/) (https://apcc.org/news-events/events/) - Free virtual events on landscaping, gardening, and more from the Association to Preserve Cape Cod (APCC).

[Barnstable Land Trust Events](https://www.blt.org/events) (https://www.blt.org/events) - Programs for children and adults across Barnstable, including Climate Conversations events through September.

[Boston Harbor Islands Events](https://www.bostonharborislands.org/calendar/) (https://www.bostonharborislands.org/calendar/) - Upcoming events and activities in the Boston Harbor Islands National and State Park.

[Boston Harbor Now Events](https://www.bostonharbornow.org/events/) (https://www.bostonharbornow.org/events/) - Events throughout the Boston Harbor area.

[Buzzards Bay Events](https://www.savebuzzardsbay.org/activities/bay-adventures/) (https://www.savebuzzardsbay.org/activities/bay-adventures/) - Regional events compiled by the Buzzards Bay Coalition.

[Cape Cod Bird Club Walks and Activities](https://capecodbirdclub.org/wordpress/walks/) (https://capecodbirdclub.org/wordpress/walks/) - Free bird-watching field trips across Cape Cod.

[Cape Cod Field Schools](https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/wellfleet-bay/programs-activities/cape-cod-field-schools) (https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/wellfleet-bay/programs-activities/cape-cod-field-schools) - Multi-day field courses offered by Mass Audubon's Wellfleet Bay Wildlife Sanctuary.

[Cape Cod Maritime Museum Events](https://capecodmaritimemuseum.org/events-and-lectures) (https://capecodmaritimemuseum.org/events-and-lectures) - Upcoming events and lectures for all ages at the museum in Hyannis. Links to recordings of past lectures are also posted on this page.

[Cape Cod Museum of Natural History Programs](https://ccmnh.org/Events) (https://ccmnh.org/Events) - A calendar of events at the museum in Brewster.

[Center for Coastal Studies Events](http://coastalstudies.org/events/list/) (http://coastalstudies.org/events/list/) - Events across the Cape Cod region.

[CERF 2024 Webinar Series](https://www.cerf.science/webinars) (https://www.cerf.science/webinars) - Monthly webinars from the Coastal & Estuarine Research Federation with the theme “Coastal Futures: The Resilience of Our Communities, Scientific Advancement, and Our Changing World.”

[Charles River Watershed Events](https://www.crwa.org/events) (https://www.crwa.org/events) - Events throughout the watershed compiled by the Charles River Watershed Association (CRWA).

[Climate Adaptation Webinars](https://necasc.umass.edu/upcoming-webinars-1) (https://necasc.umass.edu/upcoming-webinars-1) - Webinars on climate change, adaptation, and resilience from the Northeast Climate Adaptation Science Center at the University of Massachusetts Amherst.

[Climate Conversations: Pathways to Action](https://www.nationalacademies.org/our-work/climate-conversations-pathways-to-action) (https://www.nationalacademies.org/our-work/climate-conversations-pathways-to-action) - Monthly webinars from the National Academies of Sciences, Engineering, and Medicine on national policy action on climate change. Recordings of past webinars are also available.

Conservation Commission Education - Workshops, webinars, and trainings scheduled across Massachusetts and posted by the Massachusetts Association of Conservation Commissions (MACC). See the MACC [Complete Education Catalog](https://www.maccweb.org/page/EDMACCCatalog) (https://www.maccweb.org/page/EDMACCCatalog) and [Community Calendar](https://www.maccweb.org/events/event_list.asp) (https://www.maccweb.org/events/event_list.asp).

[Dam Busters 101 Webinars Series](https://www.massriversalliance.org/dambusters101) (https://www.massriversalliance.org/dambusters101) - Lunchtime webinars on dam removal in Massachusetts sponsored by the Massachusetts Rivers Alliance, Massachusetts Division of Ecological Restoration, and CRWA, with links to past webinars and related material.

[Ecological Landscaping Events](https://www.ecolandscaping.org/ela-events/) (<https://www.ecolandscaping.org/ela-events/>) - Webinars, classes, and events from the Ecological Landscape Alliance. Past webinars are available in **[Webinar Replays](https://www.ecolandscaping.org/webinar-replays/)** (<https://www.ecolandscaping.org/webinar-replays/>).

[Evening with Experts Series](https://grownativemass.org/Our-Programs/evenings-experts/) (<https://grownativemass.org/Our-Programs/evenings-experts/>) - Free public lecture series on ecology and native plant landscaping, including **[recordings of past events](https://grownativemass.org/Great-Resources/experts-videos/)** (<https://grownativemass.org/Great-Resources/experts-videos/>), hosted by Grow Native Massachusetts.

[Healthy and Resilient Communities Research Webinar Series](https://www.epa.gov/research/healthy-and-resilient-communities-research-webinar-series) (<https://www.epa.gov/research/healthy-and-resilient-communities-research-webinar-series>) - Periodic community resilience webinars from EPA for local decision makers, with links to **[Past Webinar Recordings](#)** (<https://www.epa.gov/research/healthy-and-resilient-communities-research-webinar-series#Past%20Webinars>).

[Ipswich River Watershed Events](https://www.ipswichriver.org/events/) (<https://www.ipswichriver.org/events/>) - Events throughout the watershed compiled by the Ipswich River Watershed Association.

[Keep Massachusetts Beautiful Events](https://keepmassbeautiful.org/news-events/events-calendar.html) (<https://keepmassbeautiful.org/news-events/events-calendar.html>) - Talks and volunteer opportunities across the Commonwealth on litter prevention and cleanup, waste reduction and recycling, beautification and community greening, and environmental education.

[Lloyd Center for the Environment Activities](https://lloydcenter.org/calendar/) (<https://lloydcenter.org/calendar/>) - Birding and nature walks and other activities for all ages at the Lloyd Center in Dartmouth.

[Marion Natural History Museum Programs](https://marionmuseum.org/programs) (<https://marionmuseum.org/programs>) - Community and summer programs at the museum in Marion.

[Mass Audubon Program Catalog](https://www.massaudubon.org/programs) (<https://www.massaudubon.org/programs>) - Programs for children and adults hosted at the following Mass Audubon coastal locations:

- **[Ipswich River Wildlife Sanctuary](https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/ipswich-river/programs-activities)** (<https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/ipswich-river/programs-activities>)
- **[Joppa Flats Education Center](https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/joppa-flats/programs-activities)** (<https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/joppa-flats/programs-activities>)
- **[Long Pasture Wildlife Sanctuary](https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/long-pasture/programs-activities)** (<https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/long-pasture/programs-activities>)
- **[North River Wildlife Sanctuary](https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/north-river/programs-activities)** (<https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/north-river/programs-activities>)
- **[Wellfleet Bay Wildlife Sanctuary](https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/wellfleet-bay/programs-activities)** (<https://www.massaudubon.org/places-to-explore/wildlife-sanctuaries/wellfleet-bay/programs-activities>)

[MBL Falmouth Forum Lecture Series](https://www.mbl.edu/falmouth-forum/) (<https://www.mbl.edu/falmouth-forum/>) - Free public lectures at the Marine Biological Lab (MBL) in Woods Hole.

[Mystic River Watershed Events](https://mysticriver.org/calendar) (<https://mysticriver.org/calendar>) - Events throughout the watershed compiled by the Mystic River Watershed Association.

[Nantucket Conservation Foundation Events](https://www.nantucketconservation.org/events/) (<https://www.nantucketconservation.org/events/>) - Activities and events across Nantucket.

[National Marine Sanctuaries Webinars](https://sanctuaries.noaa.gov/education/teachers/webinar-series.html) (<https://sanctuaries.noaa.gov/education/teachers/webinar-series.html>) - Webinars hosted by the sanctuary system. See **[Past Webinar Recordings](#)** (<https://www.epa.gov/research/healthy-and-resilient-communities-research-webinar-series#Past%20Webinars>) for descriptions of and links to previous webinars.

[Native Plant Trust Events](https://www.nativeplanttrust.org/education/classes/) (<https://www.nativeplanttrust.org/education/classes/>) - Classes, field studies, and webinars across Massachusetts.

[Neponset River Watershed Association Events](https://www.neponset.org/events/) (<https://www.neponset.org/events/>) - Events throughout the watershed.

[New England Aquarium Events](https://neaq.org/engage/events-and-programs/) (<https://neaq.org/engage/events-and-programs/>) - Upcoming events, lectures, and programs at the New England Aquarium. Recordings of past lectures are available on the **[Aquarium Lecture Series page](https://neaq.org/aquarium-lectures/)** (<https://neaq.org/aquarium-lectures/>).

[NOAA Coastal Training and Learning Resources](https://coast.noaa.gov/digitalcoast/training/calendar.html) (<https://coast.noaa.gov/digitalcoast/training/calendar.html>) - A range of training opportunities from NOAA's Digital Coast. Also see the **[Training Catalog](https://coast.noaa.gov/digitalcoast/training/)** (<https://coast.noaa.gov/digitalcoast/training/>) for links to on-demand resources.

[NOAA Planet Stewards Events](https://oceanservice.noaa.gov/education/planet-stewards/welcome.html) (<https://oceanservice.noaa.gov/education/planet-stewards/welcome.html>) - Webinars, workshops, and book club sessions from the NOAA Planet Stewards Education Project. See the **[Webinar Archives](https://oceanservice.noaa.gov/education/planet-stewards/webinar-archives/welcome.html)** (<https://oceanservice.noaa.gov/education/planet-stewards/webinar-archives/welcome.html>) for links to selected presentations.

[NOAA Science Seminars](https://www.star.nesdis.noaa.gov/star/OneNOAASeminars.php) (<https://www.star.nesdis.noaa.gov/star/OneNOAASeminars.php>) - Webinars and seminars on science and climate issues from several NOAA partners. **[Past seminars](https://www.star.nesdis.noaa.gov/star/NOAAScienceSeminars.php)** (<https://www.star.nesdis.noaa.gov/star/NOAAScienceSeminars.php>) are catalogued and available.

[North and South Rivers Watershed Association Events](https://www.nsrwa.org/events/) (<https://www.nsrwa.org/events/>) - Event listings on the South Shore.

[Northeast Monthly Climate Updates](https://www.nrcc.cornell.edu/workshops/webinars/2024/05/index.html) (<https://www.nrcc.cornell.edu/workshops/webinars/2024/05/index.html>) - Free webinars from the Northeast Regional Climate Center to address timely weather and climate concerns. Recordings of previous webinars are also available, along with PDF copies of presentation materials.

[Salem Sound Coastwatch Events](https://sailemsound.org/events-calendar/) (<https://sailemsound.org/events-calendar/>) - Activities and events posted in the Salem Sound region.

[Sound in the Sea Webinars](https://dosits.org/decision-makers/webinar-series/2024-webinar-series/) (<https://dosits.org/decision-makers/webinar-series/2024-webinar-series/>) - Webinars on underwater sound hosted by the University of Rhode Island's Graduate School of Oceanography. See the **[Webinar Archives](https://dosits.org/decision-makers/webinar-series/#webinararchiveshead1)** (<https://dosits.org/decision-makers/webinar-series/#webinararchiveshead1>) for links to past presentations.

[Stone Living Lab Events](https://stonelivinglab.org/events/?mc_cid=f15b594bf5&mc_eid=b2c5f9fb1) (https://stonelivinglab.org/events/?mc_cid=f15b594bf5&mc_eid=b2c5f9fb1) - Free climate-focused events around Boston Harbor from the Stone Living Lab at UMass Boston.

[Trustees Activities](https://thetrustees.org/events/) (https://thetrustees.org/events/) - Programs and activities at The Trustees of Reservations properties across the Commonwealth.

[Walks & Events in Orleans](https://orleansconservationtrust.org/whats-happening/) (https://orleansconservationtrust.org/whats-happening/) - Guided walks, programs, and talks from the Orleans Conservation Trust.

[Walks, Talks, & Events in Harwich](https://harwichconservationtrust.org/walks-events/) (https://harwichconservationtrust.org/walks-events/) - Birding and nature walks and talks from the Harwich Conservation Trust.

[Waquoit Bay Reserve Programs](https://waquoitbayreserve.org/calendar/) (https://waquoitbayreserve.org/calendar/) - Activities for kids and adults from the Waquoit Bay National Estuarine Research Reserve.

[Westport River Watershed Alliance Events](https://www.westportwatershed.org/calendar-events/) (https://www.westportwatershed.org/calendar-events) - Events presented by the Westport River Watershed Alliance.

Other Items of Interest

Ocean Alkalinity Enhancement Field Trials Shifted to Summer 2025 - In August, the Woods Hole Oceanographic Institution (WHOI) announced that the next phase of the [LOC-NESS Project](https://locness.who.edu/) (https://locness.who.edu/), a research program focused on advancing a potential climate solution called ocean alkalinity enhancement (OAE), will be shifted from this fall to the summer of 2025. For additional details, see the [press release](https://www.who.edu/press-room/news-release/woods-hole-oceanographic-institution-announces-shift-of-ocean-alkalinity-enhancement-field-trials-to-summer-2025/) (https://www.who.edu/press-room/news-release/woods-hole-oceanographic-institution-announces-shift-of-ocean-alkalinity-enhancement-field-trials-to-summer-2025/).

National Estuaries Week - September 21-28 is National Estuaries Week, an annual celebration of the importance of coastal and estuarine regions to the national economy and local communities. To learn about special events taking place around the country or register your own event, see the [Restore America's Estuaries National Estuaries Week web page](https://estuaries.org/get-involved/national-estuaries-week/) (https://estuaries.org/get-involved/national-estuaries-week/).

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