

Farewell, Summer! MassBays presents two new publications to get you back into the swing of things... and a report on what MassBays interns did with their summer vacation.

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Massachusetts Bays

NATIONAL ESTUARY PROGRAM



Events & Notices

September 16: MassBays Management Committee meeting, Boston

Sept-October: [Coastsweep coastal cleanup](#), Region-wide

October 3: [Marine Science Center Open House](#), Nahant

October 4: [Run for the Rivers](#), Marshfield

October 22: [Creating a Revenue Stream for Stormwater Management](#), Taunton

October 28: [King Tide and Gulf of Maine photo contest](#), Region-wide

November 12: Save the date for the Great Marsh Sea Level Rise Symposium, Essex; to join the mailing list, email kathryn.glenn@state.ma.us.

Metro Boston has a new Regional

2014 MassBays Annual Report Online

A year of accomplishments in Massachusetts Bay and Cape Cod Bay

MassBays has released its [2014 Annual Report](#) (scroll down past the map to find it), which highlights accomplishments in the regions and new habitat assessment and protection resources produced in 2014, including several new tools for resource managers: a coastal stormwater [Handbook for Municipalities](#), a map-based [Inventory of Plans and Assessments](#), and the [Estuary Delineation and Assessment Viewer](#). Meanwhile, MassBays Regional Coordinators provided critical interagency coordination and recruited hundreds of volunteers to conduct surveys, monitoring, stormwater management, and outreach and education, leading to restoration and enhancement of nearly 500 acres of estuarine habitat.



MassBays Blue Carbon intern John Deane prepares eelgrass samples for analysis. Photo: MIT Sea Grant

The Next Generation of Coastal Researchers

Summer interns made their mark in the estuaries

Each summer MassBays' Regional Service Providers host both paid and unpaid interns to augment efforts to protect and restore estuarine habitats.

Coordinator



MassBays is launching a new year of activities in [five regions](#) stretching from Salisbury to Provincetown, ably supported by our Regional Service Providers (RSPs) and Regional Coordinators (RCs). MassBays' Regional Coordinators provide technical assistance to communities working on stormwater and other water quality improvements, support and monitor habitat restoration, and provide outreach and education to a variety of audiences, all in support of [MassBays' mission](#). You'll find their contact information below. This year MassBays also sought proposals to serve as RSP for the Metro Boston region, and selected [Northeastern's Marine Science Center](#). Keep an eye out for RC Carole McCauley in that region's 10 towns!

Regional Coordinators & Service Providers

Upper North Shore:
Peter Phippen, Merrimack Valley Planning Commission

Lower North Shore:
Barbara Warren, Salem Sound Coastwatch

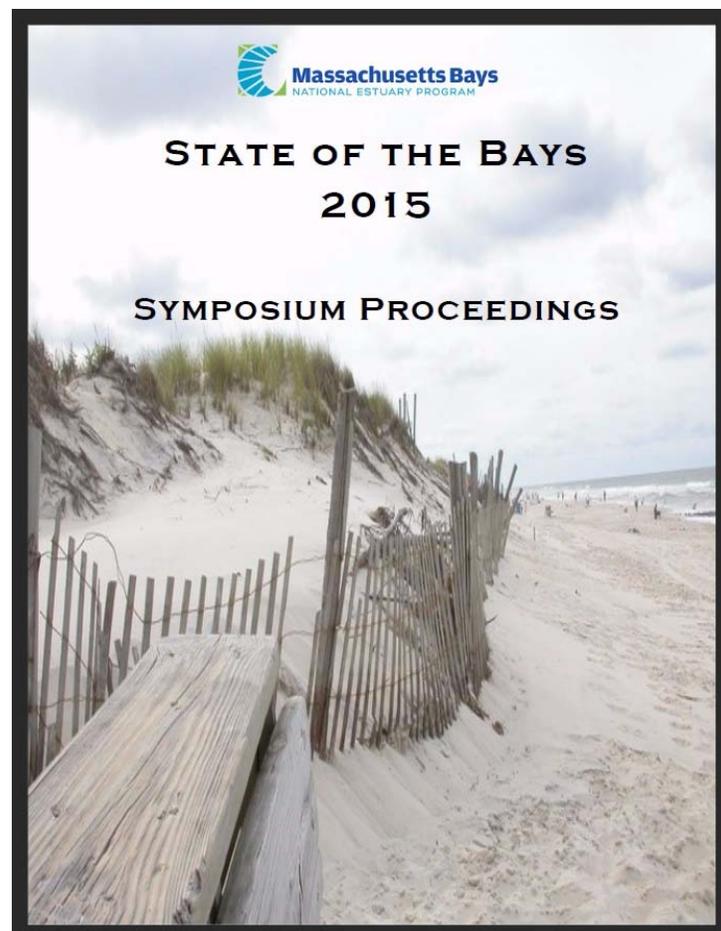
Metropolitan Boston:
[Carole McCauley](#),
[Northeastern University Marine Science Center](#)

South Shore:
Sara Grady, North and South Rivers Watershed Association

This summer, MassBays and our Regional Coordinators were lucky to host 11 interns. College-bound teens, undergraduates, and graduate-level students, they brought their enthusiasm to a multitude of projects, for example:

- Raising *Galerucella* beetles to [control purple loosestrife](#) in the former Mill Pond (site of a recent dam removal in Hanover).
- Tracking spawning horseshoe crabs in Duxbury Bay.
- Snorkeling around local docks to measure blue mussels.
- Assessing marsh bank erosion.
- Assessing potential for inland marsh migration.
- Restoring dune vegetation.
- Monitoring invasive green crabs.
- Measuring culverts.
- mapping critical habitats.
- prioritizing opportunities for restoring fish runs.
- Working with Salem's artist community and recycling committee to prevent street trash from entering the ocean.

Volunteer and paid interns who work with our partners learn a lot -- and our estuaries gain even more when the next generation are inspired to continue their stewardship of the coasts.



Cape Cod:
Jo Ann Muramoto, Association
to Preserve Cape Cod

Proceedings of the 2015 State of the Bays Symposium

Available in two formats on the [State of the Bays webpage](#), the Symposium proceedings include graphics and summaries presented by expert panelists, who described conditions and trends in weather and climate, habitat, wildlife, and water quality in the Bays. Attendees' insights regarding data gaps and needs are compiled as well.



Manchester-by-the-Sea goes national

in November 2014 Manchester-by-the-Sea stepped forward to pilot test EPA's new [Climate Resilience Evaluation and Awareness Tool](#), a component of the [Climate Ready Water Utilities](#) program. EPA has produced a [two-minute video](#) about the town's assessment of their wastewater treatment plant, which is situated only steps from the harbor. For more information contact barbara.warren@salemsound.org. *Photo: CDR Maguire*



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The Massachusetts Bays National Estuary Program is a cooperative venture of the Massachusetts Executive Office of Energy and Environmental Affairs, the Massachusetts Office of Coastal Zone Management, and the U.S. Environmental Protection Agency.

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[Executive Office of Energy and Environmental Affairs](#) - Matthew A. Beaton, Secretary
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