

Albemarle-Pamlico National Estuary Partnership (APNEP)
October 2019

[View this email in your browser](#)

Albemarle - Pamlico

National Estuary Partnership



Sound Stories

October 2019



After summer months dominated by submerged aquatic vegetation (SAV) mapping and monitoring, we're excited this fall to continue reporting on previous SAV data collected by APNEP and our partners. Earlier in October we finalized a 2013 map of our sounds' underwater grasses that will be utilized alongside our 2006-2008 SAV map to begin assessing the overall status and trends for this resource in our estuary. I encourage you to [explore the maps](#) for yourself or to read about SAV monitoring efforts in this [Public Radio East article](#).

For a primer on the importance of our state's SAV during your lunch break, the [APNEP SAV Team](#)'s Dr. Jud Kenworthy will be talking about North Carolina's underwater grasses at noon on November 20th at the NC Museum of Natural Sciences' Daily Planet Theater. His talk, part of the [NC Office of Environmental Education's Lunchtime Discovery Series](#), will also be [livestreamed](#) for those outside the Raleigh area.

Additionally, APNEP is organizing a session at the [NC Sea Grant Coastal Conference](#) on November 20th about "Ecological flows, water resources, and water availability in the coastal plain." Speakers include members of the [APNEP Ecological Flows Action Team](#)

[Study](#). If you're attending the conference, we hope to see you there!

Sincerely,
Dr. Bill Crowell
APNEP Director

APNEP News



Map of Underwater Grasses in the Sounds is Published

This month, APNEP and partners [published a map of the extent and density of submerged aquatic vegetation](#) (SAV) in North Carolina's sounds during 2013. This map provides an update to the higher salinity areas of a 2006-2008 SAV map that was the first to detail the location of underwater grasses along the entire North Carolina and southern Virginia estuarine coastlines. The addition of the 2013 map will allow APNEP's SAV team to begin detecting trends in the region's underwater grasses – if the resource is growing, declining, or if it remains relatively stable.

[View the Submerged Aquatic Vegetation Map](#)



Albemarle - Pamlico
National Estuary Partnership



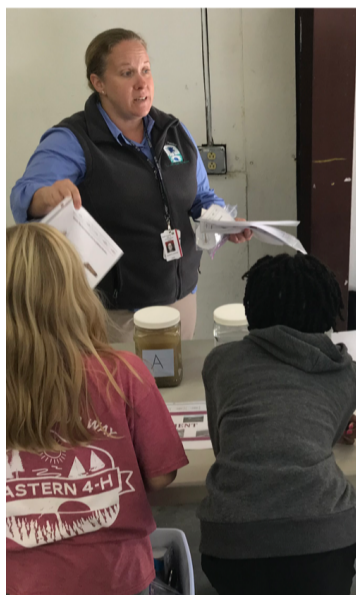
Joint Fellowship in Estuarine Research

2020 APNEP-NC Sea Grant Fellow Announced

[Subscribe](#)[Past Issues](#)[Translate](#) ▼

...to the recipient of the 2020 APNEP North Carolina Sea Grant Summer Fellowship in Estuarine Research. Her research will explore the potential for aerosolization of cyanobacterial toxins in the Chowan River and Albemarle Sound.

[Read more about the 2020 Fellowship](#)



Environmental Education Field Day Students Learn to be Water Detectives

APNEP staff helped students to explore the different methods that scientists use to determine if our rivers, lakes, and streams are healthy at October's Hyde County Soil and Water Conservation District Environmental Education Field Day. Check out [APNEP's Educator Resources webpage](#) for links to water quality and stewardship lesson plans, field trip opportunities, professional development, and more!



Coastal Habitat Protection Plan Steering Committee Begins Planning for 2021 Revision

The NC Coastal Habitat Protection Plan (CHPP) Steering Committee met on October 16th to discuss progress on CHPP implementation as well as the upcoming review process for the 2021 CHPP revision. The Steering Committee comprises of two commissioners from the Marine Fisheries Commission, Coastal Resources Commission, and the Environmental Management Commission. APNEP staff work with the NC Division of Marine Fisheries to implement the CHPP in a way that is coordinated and integrated with implementation of our [Comprehensive Conservation and Management Plan](#).

APNEP Meeting Updates

- **October 1-4:** APNEP staff attended the Fall [National Estuary Program](#) Tech Transfer Meeting and presented takeaways from the [Shad in the Classroom program](#) as an example of how partnerships can increase program synergy and success.
- **October 14-15:** APNEP staff participated in the [Natural and Working Lands](#) Prioritization Meeting held to narrow down actions identified by the six subteams (Coastal Habitats, Pocosin Wetlands, Floodplains, Forestry, Agriculture, and Urban Lands) that offer opportunities to build ecosystem resiliency and sequester carbon while continuing to deliver economic growth in the land sector.
- **October 30:** APNEP and NC Coastal Reserve-National Estuarine Research Reserve staff co-led Coastal Resilience Workgroup met to share information and learn from each other about how agency staff and non-governmental partners can more effectively work with local governments to implement resilience strategies in coastal communities. The workgroup, which stemmed from [NC Executive Order 80](#) implementation efforts, held workshops and a Coastal Resilience Summit in summer 2019 to seek local government and community input for inclusion in the EO80 Section 9 Risk and Resiliency Plan.



Upcoming Events & Meetings

All meetings associated with APNEP's committees, Action Teams, and Monitoring & Assessment Teams are free and open to the public. For more information, please contact apnep@ncdenr.gov.

- **November 13-15** | [Southeast Climate Adaptation Science Center Regional Science Symposium](#) (New Orleans, LA)

[Lunchtime Discovery Talk: Out of Sight But Not Out of Mind: Understanding the Importance of NC's Underwater Grasses](#) (Raleigh, NC and livestreamed)

- [January 14-15, 2020 | APNEP Leadership Council Meeting](#) (TBD)

Current Grant Opportunities



- 11/12/2019: [Emergency Coastal Resilience RFP](#)
- 12/06/2019: [Southeast Aquatic Resources Partnership FY2020 RFP](#)
- 01/06/2020: [2020 EPA Environmental Education Grants RFP](#)
- Ongoing: [NC Community Foundation Disaster Relief Fund](#)
- Ongoing: [NC Sea Grant Minigrants Program](#)

Grant Details

Partner Spotlight



Abandoned & Derelict Vessel Clean-Up Workshops Offered in November

The NC Department of Environmental Quality and NC Wildlife Resources Commission are holding two free workshops for local governments about how to manage abandoned and derelict vessel clean ups, as well as about limited-time opportunities for vessel removal in coastal communities. Questions about the workshop should be directed to Paula Gillikin at paula.gillikin@ncdenr.gov or 252-838-0886.

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

- **Location:** DEQ Washington Regional Office, 943 Washington Square Mall, Washington NC 27889
- [Registration](#) (required)
- **Monday, November 25th:**
 - **Time:** 9:30am - 12:30pm
 - **Location:** New Hanover County Center (Arboretum) Auditorium, 6206 Oleander Dr, Wilmington NC 28403
 - [Registration](#) (required)

[Learn more about the workshops](#)

What We're Reading

- [NC DOT Using Drones for Cleaner, Safer Herbicide Spraying](#) (NC Department of Transportation)
- [As Sea Levels Rise, So Do Ghost Forests](#) (New York Times)
- [What Happens to Seagrass After a Hurricane? Video](#) (UNC-TV)
- [About NC Native Communities](#) (UNC American Indian Center)



Copyright © 2019 Albemarle-Pamlico National Estuary Partnership, All rights reserved.

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#)

