

Albemarle-Pamlico National Estuary Partnership (APNEP)
July 2019

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The Albemarle-Pamlico National Estuary Partnership

Sound Stories

July 2019



From the southern end of our watershed near Bogue Sound, to its northernmost point near the city of Virginia Beach, APNEP staff traveled the length and width of our region this past month for a variety of outreach and monitoring initiatives, including teacher workshops, submerged aquatic vegetation monitoring, and meetings with partner organizations.

In addition, at the end of July we said our farewells to APNEP Aquatic Invasive Species Communication and Outreach Intern Adam Mottershead. During his internship, Adam

and assessment of current aquatic invasive species outreach in North Carolina. We'd like to congratulate Adam on the successful completion of his internship, and invite you all to [check out this month's Soundings Blog post to learn more about his project!](#)

Sincerely,
Dr. Bill Crowell
APNEP Director

APNEP News



Teacher Workshop Connects the Dots between VA and NC Waterways

[Moore to Sea Photo Expeditions](#) to facilitate a workshop for Virginia-based educators living in the Albemarle Watershed. This Southern Watershed Workshop was all about the connections between coastal North Carolina and Virginia via our shared waterways, including to the Albemarle-Pamlico estuarine system. Stay tuned for more resources and information about the VA-NC Albemarle Watershed!

[Learn more about APNEP's interstate collaboration initiatives](#)



Summer 2019 Seagrass Spotlight

This summer's aerial flights over the Albemarle-Pamlico sounds have been completed, meaning that APNEP and our partners have the data we need to create [another map](#) of the state of submerged aquatic vegetation (SAV) in our sounds. However, aerial imagery isn't able to spot all the of SAV on the western, low-salinity side of our sounds - river sediment flowing into the sounds make the water too murky for SAV to be seen from the air. But thanks to the efforts of East Carolina University researchers, these seagrasses have not been forgotten. [Dr. Joe Luczkovich](#) and his ECU research team have a long-term program to monitor these low-salinity SAV, and this summer are out in full force once again to continue data collection efforts.

[Learn more about SAV monitoring in the Albemarle-Pamlico region](#)



Summer Teacher Institute Takes Educators to the 'Water's Edge'

This July, we were excited to once again support the *At Water's Edge* Summer Teacher Institute, facilitated by the UNC Institute for the Environment! Around 20 upper middle and high school teachers attended this year's multi-day workshop, which focused on giving teachers the knowledge, experience, and resources to incorporate hands-on and outdoor activities focused on watersheds, water quality, and estuarine education into their classrooms. Partners such as NC Sea Grant, NC Project Wet, UNC Institute of Marine Sciences, the NC Coastal Federation, and NC Coastal Reserve helped to make this year's workshop another success by sharing their expertise and resources with participants.

[Read more about the Teacher Institute](#)



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.

- **September 12, 10:00am-3:00pm** | [APNEP Science and Technical Advisory Committee Meeting](#) (Murfreesboro, NC)
- **October 8-9** | [RAE & NCCF Living Shorelines Tech Transfer Workshop](#) (Beaufort, NC)
- **November 19-20** | [NC Sea Grant Coastal Conference](#) (Wilmington, NC)

Soundings Blog



Invasive Whachamacallits?

July 26, 2019

Hear from APNEP's summer intern Adam Mottershead about how he spent the summer living, breathing, and sometimes eradicating aquatic invasives across our region. Learn more about Adam's internship project, which included an inventory of current aquatic invasive species outreach and communication initiatives in our state which will assist in future [implementation of the NC Aquatic Nuisance Species Management Plan](#).

Read the blog post

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- 9/13/2019: [FY2020 Atlantic Coastal Fish Habitat Partnership Applications](#)
- 9/23/2019: [NC DOJ Environmental Enhancement Grants](#)
- Ongoing: [NC Community Foundation Disaster Relief Fund](#)
- Ongoing: [NC Sea Grant Minigrants Program](#)

Grant Details

What We're Reading

- [North Carolina Coastal Flooding is Worsened by Climate Change, Population Growth](#) (Phys.org)
- [Living Shorelines are Hurricane Strong in North Carolina](#) (NERRA)
- [Uncharted Waters Ahead for Albemarle's Returning Algae Blooms](#) (North Carolina Health News)
- [Climate Change in a Coastal County: Think Global, Act Hyperlocal](#) (Pew Stateline)



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