



Southeast Coast Network News September 2016

<https://www.nps.gov/im/secn/index.htm>



Newsorthy Stuff

- Dela attended the ACM conference on Knowledge Discovery and Data Mining (KDD) in San Francisco, California last month. KDD is a premier interdisciplinary conference bringing together researchers and practitioners from data science, data mining, knowledge discovery, large-scale data analytics, and big data.
- Briana and Emily pitched in at the Annual [Ocmulgee National Monument](#) Butterfly Bioblitz on August 19–20. They conducted butterfly surveys, led and educated school groups, and assisted with check-in for the event. An event highlight: Briana found a new species to add to the OCMU park butterfly species list—the Dion skipper! (A big thanks to Marc Minno for confirming the ID).

- Wadeable and non-wadeable stream channel monitoring has been implemented at the first park. This field work at [Horseshoe Bend National Military Park](#) included a videographic survey of the Tallapoosa River, a detailed survey of a wadeable stream reach, and an area of special interest survey. Results of this monitoring effort will be available in the coming months.
 - Briana spent a week in St. Mary's with Kevin Whelan, ecologist, and Rob Muxo, biological technician, both of the [South Florida Caribbean Network](#). The South Florida/ Caribbean Network is considering implementing a monitoring approach similar to the Southeast Coast Network anuran community monitoring protocol, and the group discussed SOPs associated with this protocol, maintenance and programming of ARDs, and using SongScope in data extraction and analysis. The collaboration was a successful one, and Briana left with ideas of how to improve the methodology currently in use.
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Field Work

Completed in July/August

- Salt marsh data was collected at [Cape Hatteras National Seashore](#), [Cape Lookout National Seashore](#), [Fort Pulaski National Monument](#) and at one site in [Timucuan Ecological and Historic Preserve](#).
- Automated Recording Devices (ARDs) have been collected at [Fort Sumter National Monument](#) and [Cumberland Island National Seashore](#).
- Vegetation community monitoring was completed at [Cape Lookout National Seashore](#).

Upcoming in September

- Fixed-station data will be collected at Georgia and Florida parks September 13–15.
- Wetland water level data will be collected at [Cumberland Island National Seashore](#) September 14–16.
- Fall shoreline monitoring will be performed at [Canaveral National Seashore](#), [Fort Matanzas National Monument](#), [Timucuan Ecological and Historic Preserve](#), and [Cumberland Island National Seashore](#) September 23–30.



Citizen Science: A sea turtle hatchling scurries toward the ocean to check out the water quality (left). A hatchling reaches the water on Cumberland Island National Seashore (right). NPS photos / SECN staff

From the Editor

The editing department is plugging away at our backlog of data summaries and reports. Landbird data summary reports and resource briefs have been updated on IRMA. The last four landbird reports for 2014 (Fort Frederica National Monument, Congaree National Park, Canaveral National Seashore and Moores Creek National Battlefield) will be published later this month.

- Landbird community monitoring at Ocmulgee National Monument: [2014 data summary](#).
- Landbird community monitoring at Kennesaw Mountain National Battlefield Park: [2012 data summary](#).
- Landbird community monitoring at Ocmulgee National Monument: [2011 data summary](#).
- Landbird community monitoring at Fort Sumter National Monument: [2012 data summary](#).
- Landbird community monitoring at Horseshoe Bend National Military Park: [2012 data summary](#).
- Landbird community monitoring at Cape Lookout National Seashore: [2012 data summary](#).
- Landbird community monitoring at Chattahoochee River National Recreation Area: [2011 data summary](#).
- Landbird community monitoring at Horseshoe Bend National Military Park: [2011 data summary](#).
- Landbird community monitoring at Cumberland Island National Seashore: [2012 data summary](#).



Sonde guard mounted at Cape Hatteras National Seashore. EXO 2 shown in lower right. NPS photo

What does THAT do?

The sonde guard is mounted to a dock and protects the sonde. The sonde EX02 stays in the water and collects continuous water-quality data in 15- to 30-minute intervals. It gathers information on temperature, turbidity, dissolved oxygen, salinity, water levels, pH, and in some parks, chlorophyll *a*.



Brian Gregory, SECN Program Manager

From the Program Manager

As the calendar year winds down and the weather cools, I want to take a moment to thank everyone involved with our network, from intern to management, and wish everyone a safe and happy holiday season. This will be our last newsletter for the year, but we will return in early February with more news. I also want to thank all those who attended the 2017 Steering committee and Board meeting in Athens last month. I know how busy each of you are, and my staff and I really appreciate you taking the time to travel here to discuss our programs status, future directions and how we can better serve your parks. The work plan and budget were approved and we are already implementing field work and operations that were discussed at the meeting. We are looking forward to having a productive year in 2017 and will be seeing you in your parks soon.

For More About the SECN: <https://www.nps.gov/im/secn/index.htm>