

CHNEP 2020 WATERSHED SUMMIT

DRAFT SCIENTIFIC SYMPOSIUM AGENDA

June 1, 2020 Session 1: Water Quality Improvement [9:00 am – 12:45 pm]

- 9:00 Session 1 Opening Remarks
Jennifer Hecker, Coastal & Heartland National Estuary Partnership
- 9:10 *Karenia brevis* Bloom Induced Dead Zone in Southeast Gulf of Mexico.
AJ Martignette, Sanibel Captiva Conservation Foundation
- 9:40 Peace River Watershed Threats Assessment, GIS Restorations Prioritization and What's Next.
Greg Knothe, Florida Fish & Wildlife Conservation Commission
- 10:10 Early Performance Results for a Constructed Filter Marsh on Sanibel Island.
Mark Thompson, Sanibel Captiva Conservation Foundation
- 10:40 Do Stormwater Ponds Function as Designed? Improving Detention Ponds with Ecological Design.
Rebecca Tharp, Just Water Consulting
- 11:10 Hurricanes, Humans, and Red Tide: What is 30 Years of Seagrass Mapping is Telling Us.
Christopher Anastaisou, Southwest Florida Water Management District
- 11:40 Establishing Baselines and Tracking Trends: 15 of Water Quality Monitoring in Estero Bay.*
Rebecca Cray, Florida Department of Environmental Protection – Aquatic Preserves
- 11:55 Continuous Nutrient Monitoring in the Caloosahatchee Estuary.*
Kevin Jones, Sanibel Captiva Conservation Foundation
- 12:10 Water Quality –It's Not Just Nutrients Anymore: How Climate Change is Altering Restoration.*
Dr. William Keller, Ecopapak
- 12:25 Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network Program, 1998-2020.*
Arielle Taylor-Manges, Florida Department of Environmental Protection – Aquatic Preserves
- 12:40 Closing remarks for Water Quality Improvement Session
Nicole Iadevaia, Coastal & Heartland National Estuary Partnership

[Break 12:45 – 1:00 pm]

June 1, 2020 Session 2: Hydrological Restoration [1pm – 4pm]

- 1:00 Session 2 Opening Remarks
Jennifer Hecker, Coastal & Heartland National Estuary Partnership
- 1:10 Charlotte Harbor Flatwoods Initiative Hydrologic Restoration Project
Kim Fikoski, South Florida Water Management District
- 1:40 SWFWMD 2020 Update of Charlotte Harbor SWIM Plan.
Lizanne Garcia, Southwest Florida Water Management District (SWFWMD)
- 2:10 Stream and Wetland Restoration on Agricultural Lands: A Case Study with Broad Application.
Kristen Nowak, Wood Environment & Infrastructure Solutions
- 2:40 A One Water Plan for the Headwaters Region.
Mike Britt, City of Winter Haven
- 3:10 Minimum Flows in Upper Charlotte Harbor Based on Species' Distributions and Populations.
Peter Rubec, Florida Fish & Wildlife Conservation Commission
- 3:40 South Lee County Watershed Initiative Hydrologic Restoration Project.
Jennifer Hecker, Coastal & Heartland National Estuary Partnership
- 3:55 Closing Remarks on Hydrologic Restoration Session
Nicole Iadevaia, Coastal & Heartland National Estuary Partnership

* Indicates a poster lightning talk presentation

Note: each presentation includes an interactive question and answer session at the end

June 2, 2020: Session 3: Fish, Wildlife, & Habitat Protection (9:00 am – 12:35 pm)

- 9:00 Session 3 Opening Remarks
Jennifer Hecker, Coastal & Heartland National Estuary Partnership
- 9:10 Movements of Large Juvenile and Adult Smalltooth Sawfish in Southwest Florida.
Rachel Scharer, Florida Fish & Wildlife Conservation Commission
- 9:30 An Environmental DNA Tool to Monitor Recovery of the USA's Smalltooth Sawfish Population.
Alia Court, Florida Fish & Wildlife Conservation Commission
- 9:50 Habitat Restoration with Purpose: A Fisheries Case Study.
JoEllen Wilson, Bonefish & Tarpon Trust
- 10:10 Comparison of Hotspot Consistency of Two Sport Fish in Charlotte Harbor.
Nathan Miller, Florida Fish & Wildlife Conservation Commission
- 10:30 Charlotte Harbor: An Exceptional Estuary the Needs Our Close Attention.
Dave Blewett, Florida Fish & Wildlife Conservation Commission
- 10:50 Aquatic Habitat Conservation and Restoration in the Charlotte Harbor Watershed.
Corey Anderson, Florida Fish & Wildlife Conservation Commission
- 11:10 Oyster Restoration in San Carlos Bay and Tarpon Bay.
Eric Milbrandt, Sanibel Captiva Conservation Foundation
- 11:30 Towards a Better Assessment of Estero Bay Seagrass Health Status and Stressors.*
James Douglass, Florida Gulf Coast University
- 11:45 Hard Clam Restoration in San Carlos Bay: A Pilot Project.*
Leah Reidenbach, Sanibel Captiva Conservation Foundation
- 12:00 Charlotte Harbor Aquatic Preserves' Bird Nest Monitoring and Protection Program: 2009-2019.*
Mary McMurray, Florida Department of Environmental Protection – Aquatic Preserves
- 12:15 Multidimensional Scaling Ordination for Bird Nesting Activities on Estero Bay's CWA Islands.*
Neil Ayers, Florida Department of Environmental Protection – Aquatic Preserves
- 12:30 Closing Remarks on Fish, Wildlife, & Habitat Protection Session
Nicole Iadevaia, Coastal & Heartland National Estuary Partnership [Break 12:35 – 1 pm]

June 2, 2020: Session 4: Public Engagement for Protecting Our Water and Wildlife (1 pm – 4 pm)

- 1:00 Session 4 Opening Remarks
Jennifer Hecker, Coastal & Heartland National Estuary Partnership
- 1:10 Student Research on Oyster Larvae within the Charlotte Harbor and Caloosahatchee Estuary.
Bass Dye, Florida Gulf Coast University
- 1:30 Connecting University Researchers and K-12 Teachers for Environmental Education.
Jennifer Jones, Florida Gulf Coast University
- 1:50 Eyes on Seagrass Citizen Scientists: Document Seagrass and Macroalgae in Charlotte Harbor.
Elizabeth Staugler, University of Florida – Sea Grant
- 2:10 Removal of Derelict Fishing Gear from the Artificial Reefs in Charlotte Harbor Aquatic Preserves
Melynda Brown, Florida Department of Environmental Protection – Aquatic Preserves
- 2:30 Using the Encounter Hotline as a Tool to Promote Smalltooth Sawfish Recovery in the U.S.
Andrew Wooley, Florida Fish & Wildlife Conservation Commission
- 2:50 Ideas for Enhancing Charlotte County's Management of Our Exceptional Estuaries & Waterways.
Dr. William Keller, Ecopapak and Judy Ott, Estuary Escapes
- 3:10 Sanibel Communities for Clean Water Program.
Dana Dettmar, City of Sanibel
- 3:30 Making the Case for the Statewide Stormwater Rule.
Marisa Carrozzo, Conservancy of Southwest Florida
- 3:50 Closing Remarks on Public Engagement Session
Nicole Iadevaia, Coastal & Heartland National Estuary Partnership

* Indicates a poster lightning talk presentation

Note: each presentation includes an interactive question and answer session at the end