[Ecological Flows Action Team](https://apnep.nc.gov/about-apnep/committees/action-teams/ecological-flows-team)

10:00 am - 3:00 pm

September 4, 2019

Green Square Building – Training Room 1210

217 W. Jones St., Raleigh, NC 27603

# DRAFT AGENDA

**10-10:15**

**Welcome and Introductions** **Stacey Feken / Dean Carpenter, APNEP**

**Meeting Objectives**

* Shareinformation about the current status of current status of data collection, analysis, and policy synthesis in support of developing coastal ecological flows in the [APNEP region](https://apnep.nc.gov/resources/apnep-maps).
* Identify locations for detailed Pilot studies to support Phase II of the team’s [action plan](https://files.nc.gov/apnep/APNEP_Flows_Team_Action_Plan_3Jun16.pdf).

**10:15-11:00**

**Protecting and restoring flows in our southeastern rivers: Katherine Baer/ Grady McCallie**

[**A synthesis of state policies for water security and sustainability**](https://www.rivernetwork.org/resource/protecting-restoring-flows-southeastern-rivers/) (River Network/ NC Conservation Network)

**11:00-11:15**

**Status of North Carolina & Virginia State Policy Development / Considerations for Phase II Action Team**

**11:15-11:30**

**Flows Communication and Outreach Bob Christian/Stacey Feken/Katherine Baer**

*Need, Target Audiences, Brainstorm Strategies*

**11:30-12:15**

**PHASE II Proposal: Flow-Ecology Relationships Pilot Studies Bob Christian / Mike O’Driscoll**

**12:15-1:00 Working Lunch**

**Bertie County Study Bob Christian**

**1:00-1:30 Dean Carpenter/Action Team**

**Water Quantity and Quality Indicators for monitoring ecological flow requirements**

**1:30-2:00**

**PHASE II Proposal Discussion / Next Steps Action Team**

**2:00-2:15**

**Funding Opportunities / Leverage Resources / Other Partners / Virginia Coordination Action Team**

**2:15-2:45**

**Updates / Related Initiatives**

USGS Coastal Carolinas Study TBD

Sea Grant Coastal Conference Flows Session Proposal Stacey/Bob/Mike

Scuppernong Study / Flows Considerations Stacey Feken

Integration with Executive Order 80 Activities/Teams / Coastal Resiliency Stacey Feken

Integration with Nutrient Criteria Development Plan / Albemarle Sound Heather Jennings/Mike O’Driscoll

**2:45-3:00**

**Wrap Up, Action Items, Next steps Action Team**

**Adjourn**

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**Background / Resources:**

* [**APNEP Ecological Flows Action Team Page**](https://apnep.nc.gov/about-apnep/committees/action-teams/ecological-flows-team) **/** [**Past Meeting Materials**](https://apnep.nc.gov/about-apnep/committees/meeting-materials/ecological-flows-action-team)
* [**APNEP Ecological Flows Team Action Plan**](https://files.nc.gov/apnep/APNEP_Flows_Team_Action_Plan_3Jun16.pdf)
* [**PHASE I Report: Existing Data for Evaluating Coastal Plain Ecological Flows in the Albemarle-Pamlico Estuary Region**](https://files.nc.gov/apnep/documents/files/publications/APNEP_Ecological_Flows_Report_FINAL_DRAFT_82418.pdf)
* [**APNEP Comprehensive Conservation & Management Plan (CCMP)**](https://apnep.nc.gov/resources/publications-and-reports/ccmp) **Ecological Flows Actions:**

**Action A3.3: Develop and refine ecological flow requirements for each major river (**[**page 21**](https://files.nc.gov/apnep/documents/files/publications/CCMP2012-22CS2012-11-14.pdf)**).**

Many of the fish, aquatic plants, and other species that live within the estuarine system depend on flowing water to survive. Identifying these ecological flows will help ensure that these species and ecosystems are protected.

**Action D3.2: Facilitate the development and implementation of basinwide water management plans to ensure no less than minimum in-stream flows are maintained (**[**page 40**](https://files.nc.gov/apnep/documents/files/publications/CCMP2012-22CS2012-11-14.pdf)**).**

APNEP will work to provide scientific information and engage regional stakeholders to develop and implement water management plans that fully account for both human and ecological demands.

* [**North Carolina Ecological Flows**](https://deq.nc.gov/about/divisions/water-resources/water-planning/basin-planning/ecological-flows)
* [**North Carolina Science Advisory Board**](https://deq.nc.gov/about/divisions/water-resources/water-planning/basin-planning/science-advisory-board-related-files)