

Cape Fear River Partnership
3rd Quarterly Meeting
November 8th 10 am - 4 pm

Julie DeMeester
The Nature Conservancy

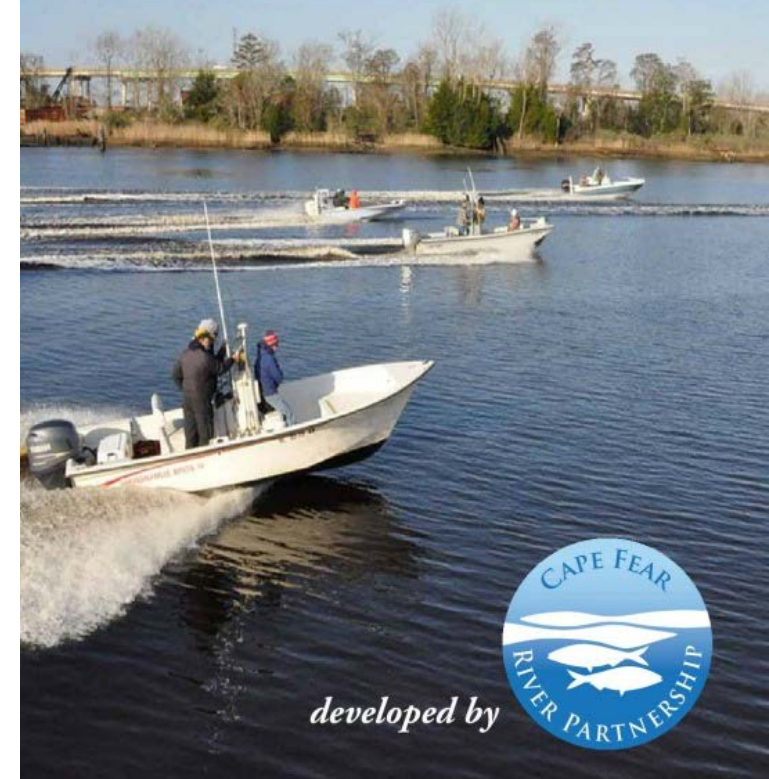


Cape Fear River Partnership 101

- ◆ The Cape Fear River Partnership was formed in 2011 with a vision of a healthy Cape Fear River for fish and people.
- ◆ The partnership's mission is to restore and demonstrate the value of robust, productive and self-sustaining stocks of migratory fish in the Cape Fear River. The partnership built off the momentum of work on fish passage at Lock and Dam #1.
- ◆ It includes 30 partners of federal, state, and local governments as well as academics, non-profits, and business.
- ◆ The partnership has an action plan with 4 active committees: fish passage, water quality, socioeconomic and habitat.

<https://capefearriverpartnership.com/>

Cape Fear River Basin Action Plan for Migratory Fish



Implementation Plan Update: Habitat Committee

- There were over 100 items in the action plan.
- Throughout 2016-2017, CFRP members created an implementation plan to prioritize our collective actions.

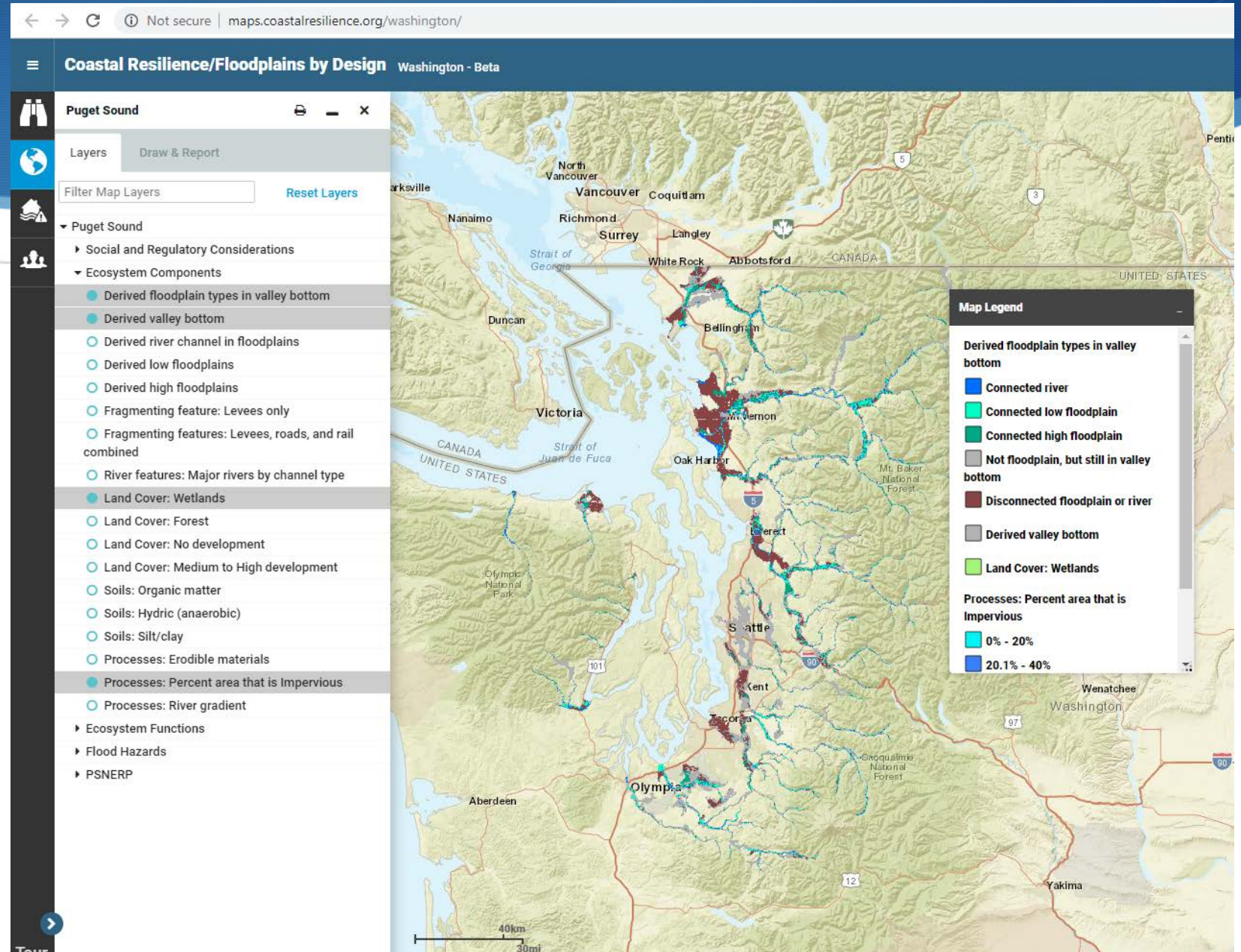
Strategies	Year 1 (2018)	Year 2 (2019)	Year 3 (2020)	Year 4 (2021)	Year 5 (2022)
<p>Strategy 2a: Protect and restore prioritized habitats important to anadromous species and people.</p>	<ul style="list-style-type: none"> Convene working group to data mine and align common goals Establish data quality standards for combining data and identify data gaps. Identify habitat and corroborate data for partner priorities Compile data into a common platform (AGOL/server/drop box) Scope initial priority habitats Scope initial funding sources for protection/restoration Start to talk to the Ag community, municipalities and landowners in the basin. 	<ul style="list-style-type: none"> Develop habitat assessment approach (ground-truthing, sampling) Assess habitats for partner priorities (field work) Identify further field studies needed to refine the data, especially for critical juvenile and spawning habitat. <p><i>TNC, DEQ groups, NCNHP, WRC, USFWS lead, assistance from TNC, SARP, American Rivers</i></p>	<ul style="list-style-type: none"> Reconvene group to identify who can do protection/restoration on the ground Identify priority habitats for projects Identify funding sources for protection/restoration <p><i>TNC & Dawn lead group</i></p>	<ul style="list-style-type: none"> Partners use the prioritization to disseminate results and apply on the ground Implement at least two projects to protect or restore flooded hardwoods, shoreline vegetation, or in-stream habitat on the ground 	<ul style="list-style-type: none"> Partners continue to use prioritization and apply on the ground Implement at least two projects on the ground

Today's Meeting Goals

- ◆ Debrief about hurricane
- ◆ Learn different GIS efforts in the basin
- ◆ Brainstorm collective mapping needs

TNC GIS tool example

The goal is to maximize the impact of on-the-ground water resource projects by creating spatially-explicit tools to optimize multiple benefits and guide the efforts of 25+ partners to protect and restore habitat.



Room Introductions

- ◆ Name/Organization?
- ◆ How has the hurricane shifted your organization's priorities?
- ◆ Do you have any hurricane updates useful to the broader group?

Breakout Questions

1. What are the top three questions we want to collectively address through spatial analysis?
2. Do we have the data we need to answer these questions?
3. What resources do we need to consolidate our efforts? Do we need to hire someone? What financial resources do we need and what grants might apply? Who can take responsibility?

Follow up

Please contact TNC below with any additional ideas or questions:

Julie DeMeester, Ph.D.

Director of Water Resources

julie.demeester@tnc.org

919-246-5194 (Phone)