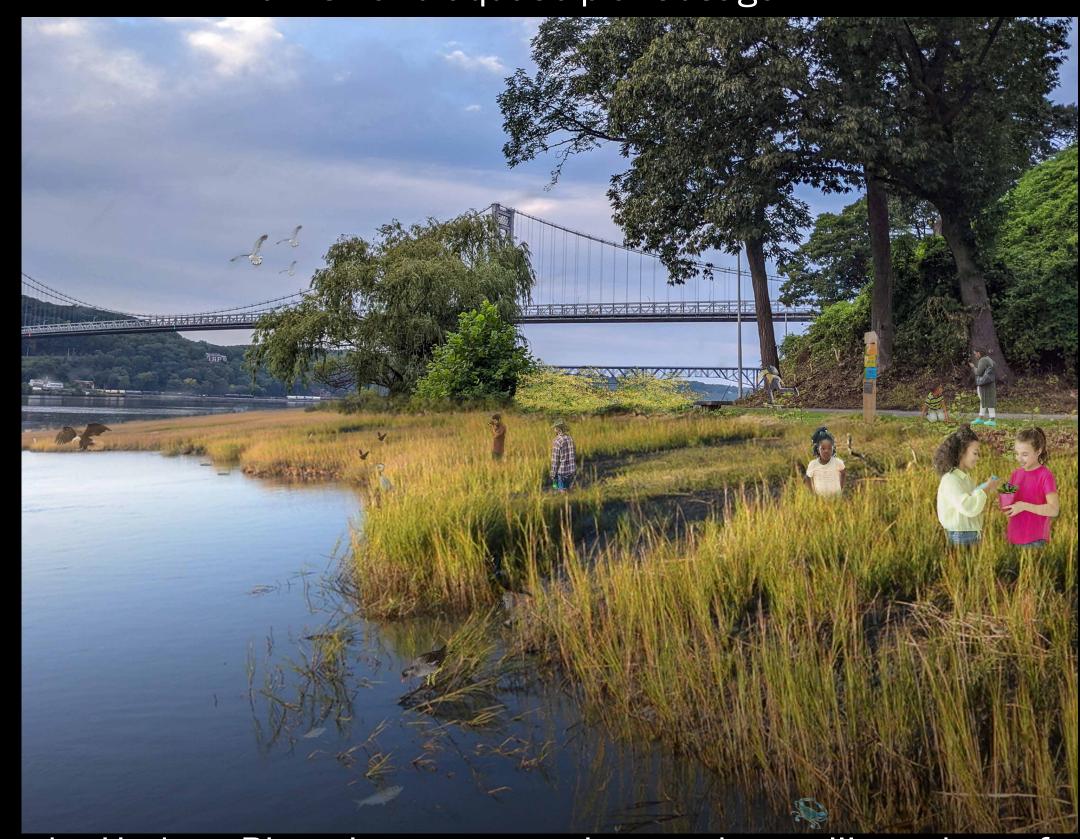


Presently, local hub for recreation and family gatherings for segments of the population, Poughkeepsie's waterfront parks have been renvisioned as a connected series of parks that emphasize places for people to play and learn about the environment through play.

## **Current Play Conditions**



Current Conditions: The Poughkeepsie shoreline parks are narrow, disconnected land parcels. The shorelines are either rip rap or bulkheads, which aren't friendly for fish and aquatic plant usage.



Changes: As the Hudson River rises, community members will need to refocus on the environment. The edges should be softened to help reclaim some of the land and provide long-missing fish and bird habitat.

With the Children's Museum and NYS DEC's high school volunteer program nearby, it should be easy to calibrate a softened edge shoreline as a play of explortory play and learning.

> Key: **Upper Body Movement**

Construction

Slide

Open Field

Climb



Waryas Park -

























Precedents: Wild Walk, Tupper Lake, NY







Precedents: Tumbling Bay Playground, London, U.K.









The main challenges with Poughkeepsie is tying all of the parks together and dealing with climate change. I studied how climate change was dealt with locally in Tarry-town and how Pittsburgh handled having a narrow waterfront. I also looked at how ecologically-minded, cutting edge firms such as Neslon Byrd Woltz created soft edges that mimicked missing ecosystems in Houston, Texas.





View looking at Waryas Park from the Walkway Over the Hudson. Note how Waryas

Above: Zoom in on Waryas
is focused on both ecology and exploratory play.

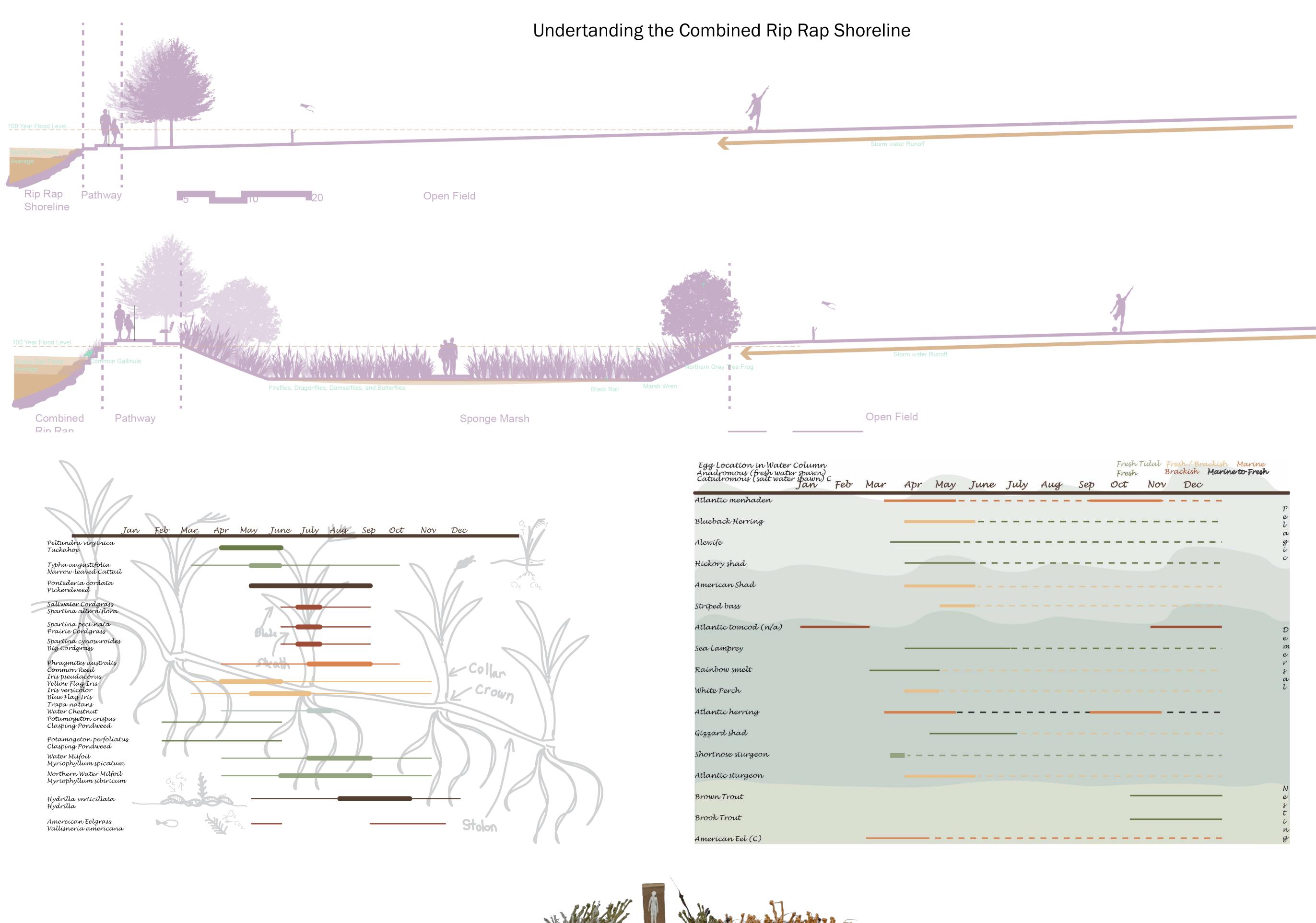
Above: Zoom in on Waryas Park//Below: Eco-type Plantings//Sides: Interactive Signs

















2025 2035 2045 2055 2065 2075 2085

1: Scoop + dump vacant land to become ropes course and start planting trees 1: Start raising shoreline at Waryas Park and creating protective Marsh

2: start bringing children in to observe the marsh

3: Install
Connection
Bridge around
Kaal Rock

1: Start construction on Delaval buildings and seed them

2: Open up ropes course in newly created upland forest

1: Install nature-based playground in Waryas

2: Create mud flat marshes in anticipation of further river water rise along One Duchess and Kaal Rock Park

3: Make cut out along Fall Kill for people to swim and have easy access

1: Create Raised walkways and over river walkways in floodable areas that weave in and out to give river views

2: Seed for more natural river ecosystem types. Experiment to see what survives the best.

1: Adjust heights of walkways based on actual water rise

1: Cull trees that haven't survived well in the climate change and replant with better-suited plants

Above: Phasing Diagram

Side: Changes to the shoreline will provide habitat for many animals and become an

ideal resource as an outdorr classroom Below: Planning out the Ropes Course Forest

