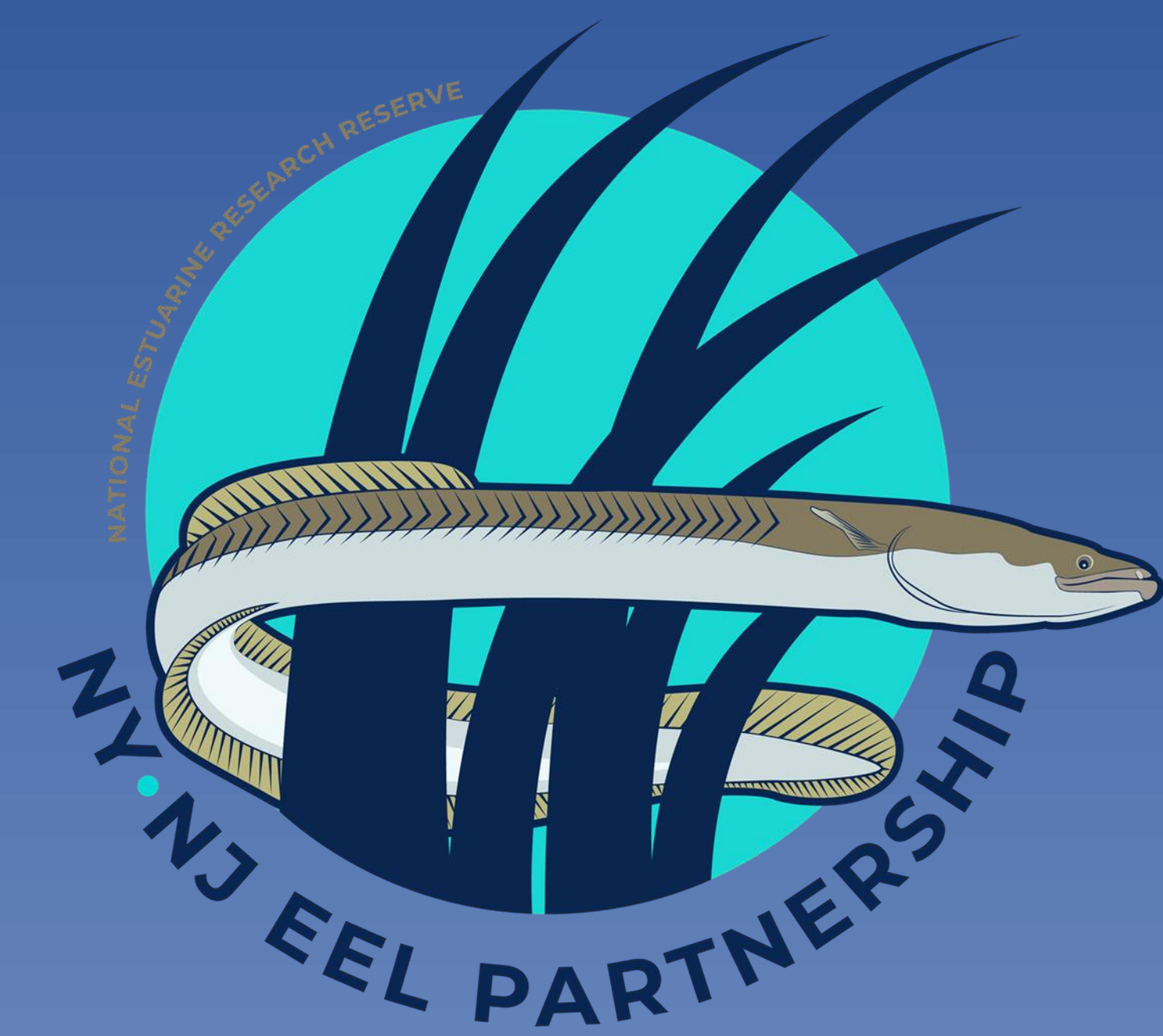


Eels Without Borders: Collaborative Community Science in New Jersey and New York.



Since 2008, the Hudson River Reserve has been successfully monitoring glass eels (*Anguilla rostrata*). JCNER looks to emulate the Hudson River Reserve's efforts, offering its own eel monitoring program while providing useful information to fisheries managers.

Knowledge transfer

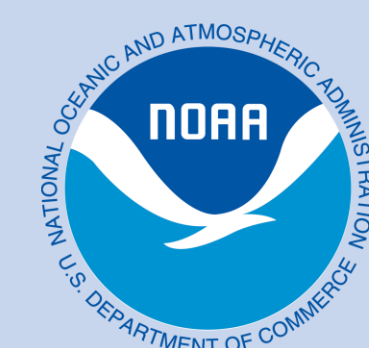
- Hands-on learning from HR NERR.
- HR NERR staff assessed potential collection locations at JC NERR.

End user engagement

- 11 total volunteers
- 183.25 volunteer hours
- 42 students, 3 teachers
- 2 NJ DEP staff

Outcomes

- New JC NERR volunteer opportunity.
- Two collection sites established within JC NERR watershed.
- Graphics, data sheets and volunteer guide produced.
- New field trip option for educators.
- 158 glass eels and 57 elvers collected in the last two years.



National Estuarine Research Reserve System
Science Collaborative



Kaitlin Gannon, EC JC NERR, Chris Bowser, EC HR NERR, Sarah Mount, HR NERR



Why Eels?

Eels are a key part of estuary ecosystems as both prey and predator species. They are important parts of cultures and economies around the world



Eel Mop

- Bundles of unwound rope that act like artificial habitat.
- Small eels can go in and out; easy to use and flexible timing.

Fyke Net

- Cone-shaped nets that face downstream, catching eels migrating upstream.
- Must be checked daily during peak season.



Other collaborators:

Amy Plantarich JC NERR, Andrea Habeck JC NERR, Christine Moran JC NERR, Jen Pyle NJ DEP, Dr. Mark Sullivan Stockton University. – Thank you!