## LIS Eelgrass Collaborative

### March 11, 2025 Meeting Agenda

	10:00 - 10:05 (5 mins)	Welcome & Agenda Overview	Ka C
	10:05 - 10:35 (30 mins)	Draft BMPs for Seed Transport: Update & Discussion	St Co Ex
	10:35 - 11:00 (25 mins)	2022 Eelgrass Management & Restoration Strategy: Status Report and Discussion (what's been accomplished, what's been started, and what priorities are is still in need of funding)	Ca El
	11:00 - 11:20 (20 mins)	2025-2027 LISS Supplemental Proposal Elements: Continued and new activities for aquaculture-eelgrass interactions and boater education	Ka C Te C
	11:20 – 11:30 (10 mins)	Spring Workshop Planning	A
	11:30 – 12:00 (30 mins)	Agency/Partner Updates	А

Katie Lund, CT NERR

Steve Schott, Cornell Cooperative Extension

Cayla Sullivan, EPA LISS Office

Katie Lund,

CT NERR

Tessa Getchis,

CT Sea Grant

ALL

ALL

Funded by:







# Collaborative LISS Supplemental Funding (2023-2025):

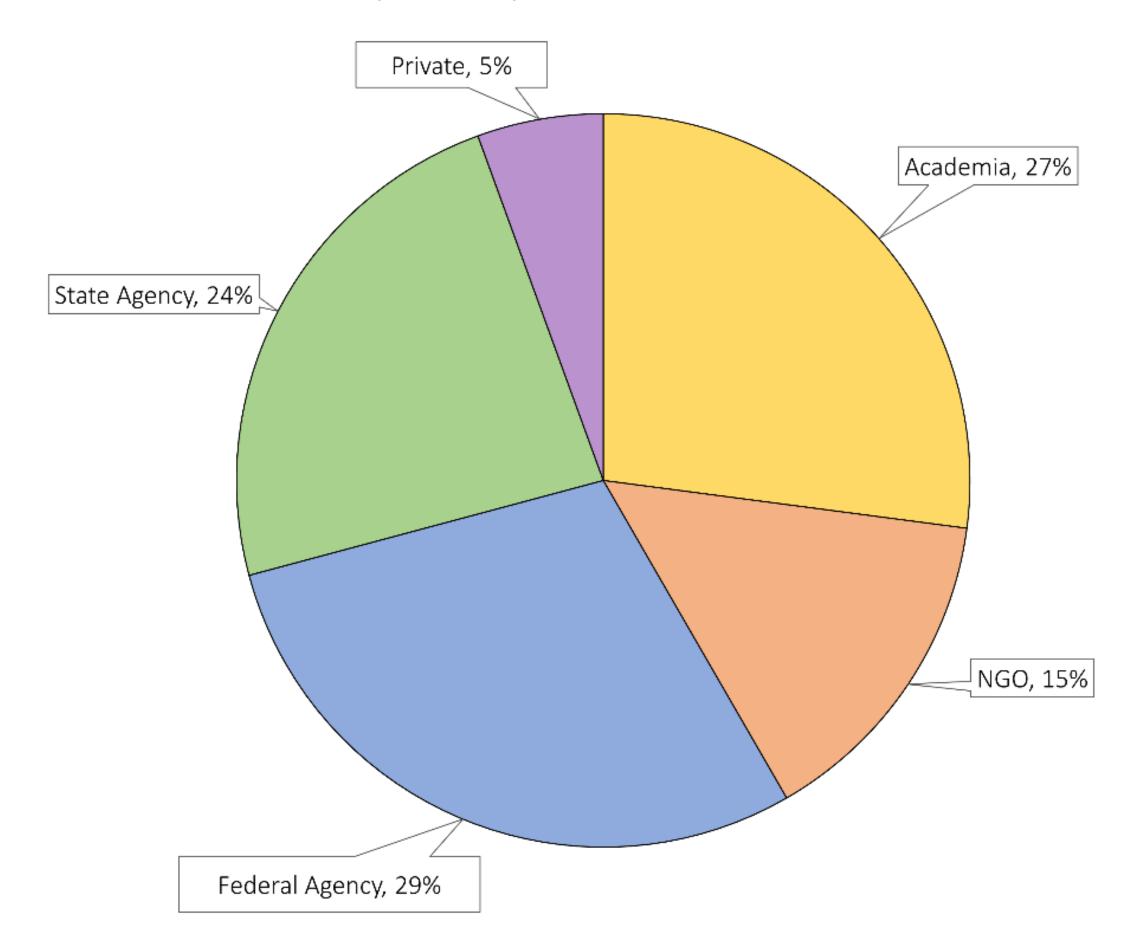
- 1. CT NERR staff time to plan, convene, and facilitate meetings + draft supporting materials + advise on research and monitoring
- 2. Four meetings each year (three virtual, one in-person workshop)
- 3. White paper for bi-state eelgrass seed transport guidance
- 4. Bi-state management assessment



Facilitated by:



## 2023 original participant list = 53 2025 participant list = 144



# Proposed LISS Supplemental Funding (2025-2027):

- 1. CT NERR staff time to plan, convene, and facilitate meetings + draft supporting materials + advise on research and monitoring
- 2. Four meetings each year (three virtual, one in-person workshop)
- 3. Improve understanding of aquaculture and eelgrass interactions
- 4. Pilot project: bi-state approach for seagrass state boating



# Management Recommendations



## Establish Seagrass Management Areas (NYSDEC)

## Improve understanding of aquaculture/ eelgrass interactions



## Interstate Seed Transport Guidance & BMPS (LIS Eelgrass Collaborative)

## **Best Boating Practices**





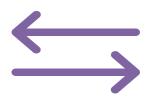


# 2025-2027 LISS Supplemental Request:



Establish Seagrass Management Areas (NYSDEC)

Improve understanding of aquaculture/ eelgrass interactions



**Best Boating Practices** 



## Interstate Seed Transport Guidance & BMPS (LIS Eelgrass Collaborative)



## **Priority: Better understand aquaculture & eelgrass interactions**

Project leads: CT Sea Grant/UConn Extension & UConn CLEAR (+ Collaborative)

## Methods:

- 1. GIS based exclusionary analysis to identify human use areas (e.g. navigation) channels, mooring fields) that restrict eelgrass restoration activity. Meet with agency staff/working groups.
- 2. Compile existing spatial data (e.g. eelgrass habitat, aquaculture and recreational shellfish areas) & combine in a new map viewer with the updated Eelgrass Habitat Suitability Index (EHSI) Model.
- 3. Convene local & state officials and aquaculture producers to understand perceptions, review map viewer and indicate potential areas for restoration with low resource conflict.

# **Priority: Bi-state approach for seagrass-safe boating Project lead: CT NERR** (+ Collaborative participants)

## Methods:

1. Review existing FISMC outreach materials and methods for bi-state approach.

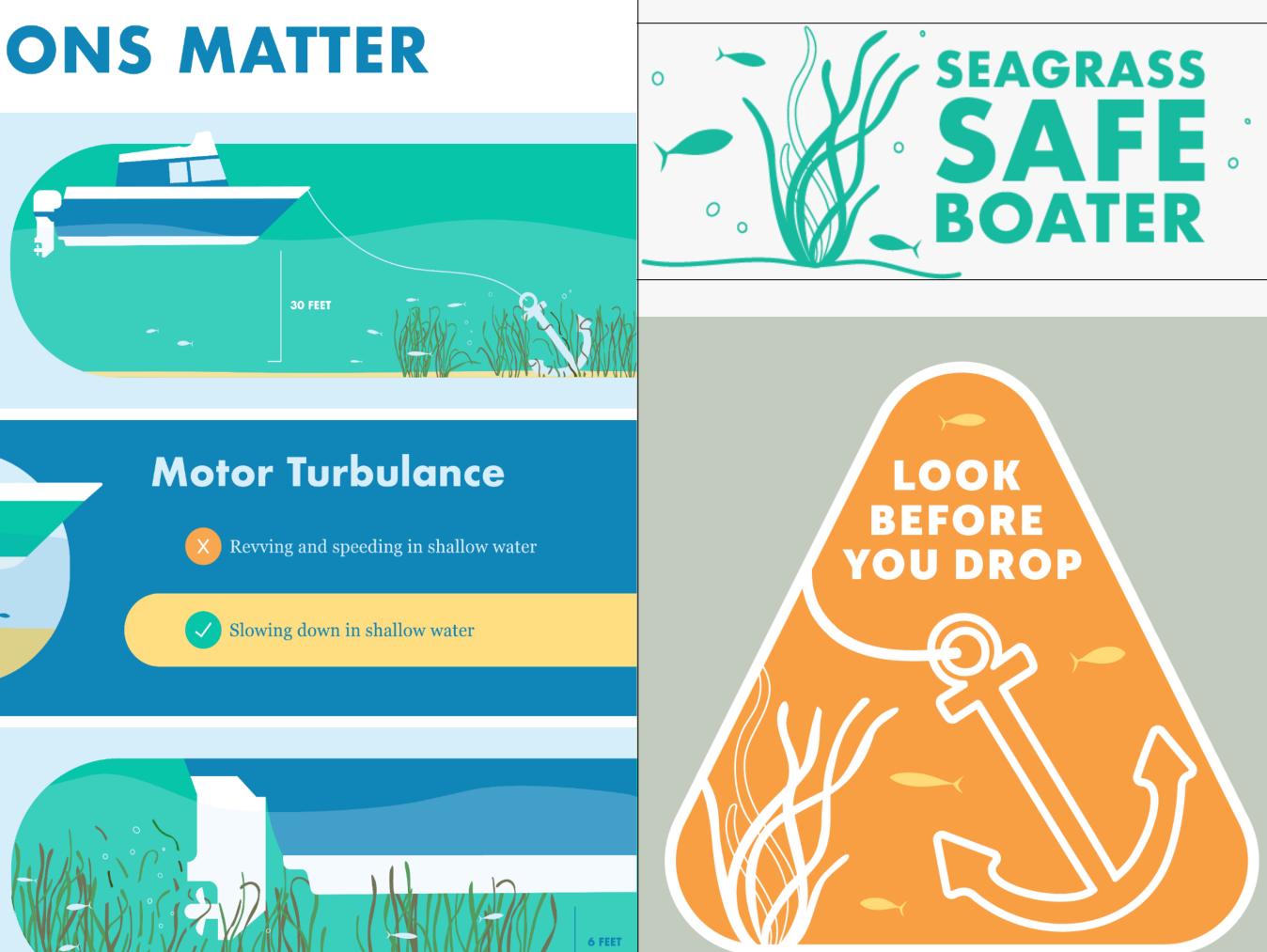
- 2. Meet with NYSDEC and CT DEEP boating division staff to review existing materials, discuss modification, and identify one pilot boat ramp and outreach strategy in each state.
- 3. Finalize outreach materials content & design.
- 4. Implement at two sites in summer 2027.

# **YOUR ACTIONS MATTER**

## **Dragging Anchor**



Anchoring in the sand









## **Propeller Scarring**

**10 FEET** 



Uprooting or slicing eelgrass with propellers

Trimming up your motor and idling safely



# **Questions?**

Possible Dates: May 28, 29 or June 12 **Time:** 10:00 - 3:30 **Location:** UConn Avery Point

### 10:00 - 11:00 Welcome, Featured Speakers & Panel Discussion

Focus: NPS and EPA eelgrass restoration projects and techniques - common garden & genetics Speakers (30 mins):

- Stephanie Kamel Professor, UNCW Department of Biology and Marine Biology  $\bullet$
- Phil Colarusso Marine Biologist, U.S. EPA  $\bullet$ Panel (30 mins):
- Stephanie Kamel, Bradley Peterson (Stony Brook Univ), Phil Colarusso, Suzy Ayvazian (EPA)

11:00 - 12:00 (potential topics for Collaborative updates – POLL) Please select 3 topics from the list below that you would like to hear updates on:

- CT and NY planning updates
- Bi-state Management Assessment draft report & next steps
- Seed based restoration planning
- Eelgrass mapping (Tier 1) update  ${\color{black}\bullet}$
- Using satellite imagery as tool to determine flowering density ۲
- Habitat Suitability Index model (EHSI) update

12:00 – 12:45 - Lunch

### 1:00 – 2:00 (2 group rotations – 30 mins each)

- **Poster Session**
- Rankin Lab tour viewing & discussion of possible restoration facility  $\bullet$

2:00 - 3:00 Breakout Sessions (TBD)

3:00 - 3:30Debrief/Next Steps

2025 Workshop

Input / Questions?