



Love Your Marsh! – 2025 Event Series

(0900 - 1500 - includes marsh field trip; coffee/tea and snacks provided; BYOL)

INTRODUCTION & ORIENTATION

- ◆ Hydrology and marsh use history – draining, diking, tidal restriction and pools
- ◆ How marshes grow – sediment transport + vegetative storage (blue carbon)
- ◆ Species of cultural significance and special concern on marshes

BREAK

- ◆ Invasive and introduced species on marshes
- ◆ Permitting process for restoration
- ◆ How to advocate for marsh protections
- ◆ Morning Q & A

LUNCH BREAK and TRAVEL to MARSH

MARSH ORIENTATION and APPROACHES for MONITORING

- ◆ Welcome to the landscape
- ◆ Water level logging (tidal flow)
- ◆ Sediment traps and transport studies (accretion rates)
- ◆ Vegetative succession monitoring (plant community health)
- ◆ Time series documentation (marsh pool drainage and revegetation)

STRATEGIES for MARSH REMEDIATION

- ◆ Runnels and mega-pool drainage (hydrological)
- ◆ Swales and mat placement (enhanced accretion)
- ◆ Thin layer placement (enhanced accretion; contaminant burial)
- ◆ Negotiated use restrictions (soil stabilization)
- ◆ Upland purchase, deed restrictions, land trusts (facilitated marsh retreat)

AFTERNOON Q & A