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Department of Marine Sciences
Presents a Seminar by

Anne Giblin

Marine Biological Laboratory

Rising seas and the fate of coastal marshes

Coastal marshes have long been recognized for their importance as nursery grounds for fin and shellfish. More recently attention has also been placed on the other ecosystems services they provide which include storm buffering, nutrient removal, and recreation. Now coastal marshes are under threat from an accelerating rate of sea-level rise, human development and changing climate. At the Plum Island Ecosystems Long-Term Ecological Research site, we are using a combination of short and long-term measurements and modeling to understand how marsh will respond to these stresses over the coming decades. Using these approaches, we can gain a deeper understanding of the possible trajectories of marsh change and evaluate interventions to prevent marsh loss.

Hosts: Ann Bucklin and Sandy Shumway

Time & Date: 11:00 am, Friday, February 17, 2023

Place: Lowell Weicker Building, Seminar Room 103 (or WebEx)

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