# **Engaged Scholarship Panel**

Dover Progression	Coastal Climate Assessments	Wagon Hill Farm
Steve Miller, Great Bay NERR	Julie LaBranche, Rockingham Planning Commission	Kirsten Howard, NH Coastal Program
Steve Bird, City of Dover	Peter Britz, City of Portsmouth	Mike Lynch, Town of Durham
Carri Hulet, MIT	Cameron Wake, UNH	Tom Ballestero, UNH





### Durham's Wagon Hill Farm Living Shoreline Collaboration Kirsten Howard, New Hampshire Department of Environmental Services Coastal Program

Mike Lynch, Town of Durham

Tom Ballestero, University of New Hampshire



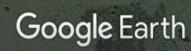








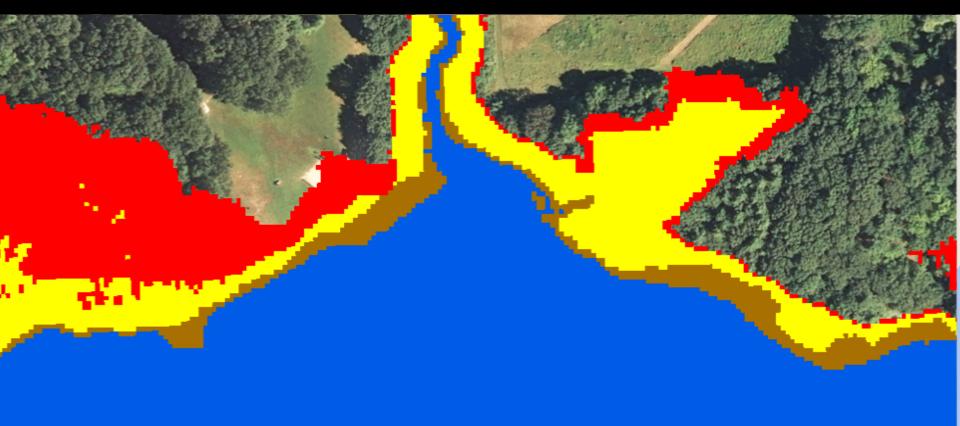


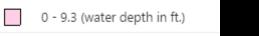




î High Water Mark Fence location 2010

Fence location 2013 to present





9.4 - 18.5 (water depth in ft.)

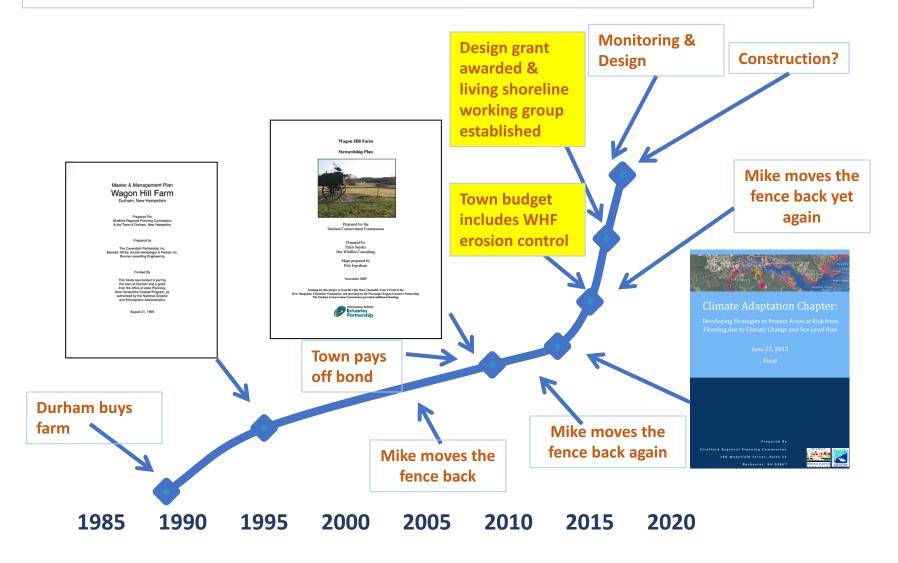
Mud flat

#### **A LIVING SHORELINE!**

"A new approach to protecting and restoring coastal shoreline is to create a "living shoreline." Research has shown that traditional hard structures often increase erosion and limit the ability of the shoreline to carry out natural processes. The "living shoreline" technique uses natural materials or a mix of soft and hard materials. Consult with the NH Coastal Program on technical assistance and grant funding to explore feasibility of creating "living shoreline" at Wagon Hill Farm. This effort could create a phenomenal demonstration area and educational site at Wagon Hill Farm." -Ellen Snyder, Stewardship Plan for Wagon Hill Farm 2009



#### THE WAGON HILL FARM LIVING SHORELINE PROJECT A TIMELINE





## What Could A Living Shoreline at Wagon Hill Farm Look Like?

View of the Wagon Hill Farm Shoreline from the Dyster River



## Potential Phase One Experimental Design: Construction in 2018 (hopefully)

