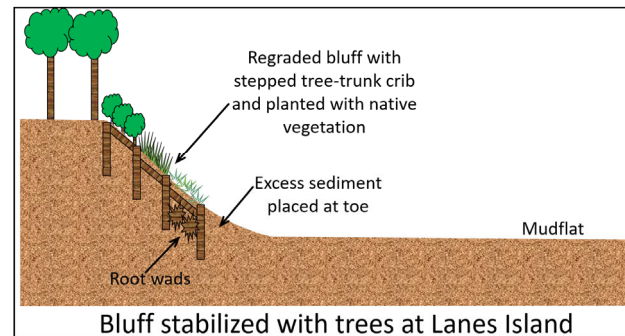
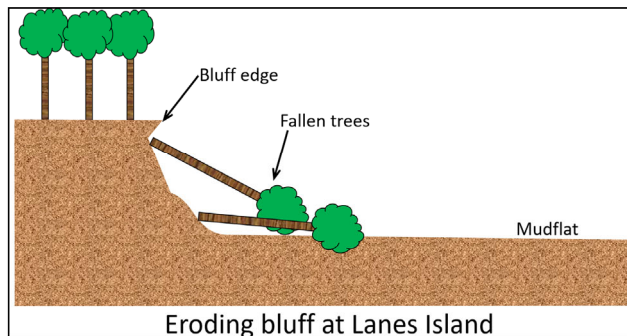


Slowing Erosion the Natural Way at Lanes Island

What's happening here? Lanes Island is an important area for public and for wildlife. The bluff has been eroding because of currents and waves, and erosion will increase with more frequent storms and sea-level rise. These conditions are common along the Maine coastline.

What are we doing about it? Researchers are studying how natural materials, sometimes mixed with synthetic materials, can be used to slow erosion and whether they can survive Maine's long and icy winters. This approach is called a "living shoreline" because it is made up of mostly natural materials and provides habitat as compared to retaining walls or rocks.

What's being done here? There are many different types of living shorelines. At this site, the research plot is small and made up of regrading the unstable bluff and arranging fallen trees into a "stepped crib" and planting vegetation to decrease the erosion of the bluff. It is a low-cost project that holds promise for other eroding shorelines in Maine.



How long will the living shoreline be here? This living shoreline will be built in 2020 and will be here for 5 years. It will be monitored by scientists to see how it is working and if it is damaged by storms and ice. This research is part of a New England-wide effort to increase the use of natural materials for shoreline erosion control.

Where can I get more information? Visit the Maine Geological Survey's website at:

<https://www.maine.gov/dacf/mgs/explore/marine/living-shorelines/>

PLEASE DO NOT DISTURB THIS AREA!

