

What is soft engineering?



Bio-engineering Minor Project Category

Erosion but requires some shore support. Bioengineering using Coir logs for 3-4 years until vegetation adequate.

This buffer is using the coir blanket with plantings.

Soft engineering is using biologic material instead of or in combination with hardscape. Seawalls have been shown to cause damage to neighboring properties and break down frequently. Rip rap is expensive and if not installed according to marine engineering standards can also fail to protect the shore.

The west side site has a relatively steep bank and significant erosion. We are installing two tiers of coir logs but the conditions of wave action and slope may mean rip rap will be needed in the future.