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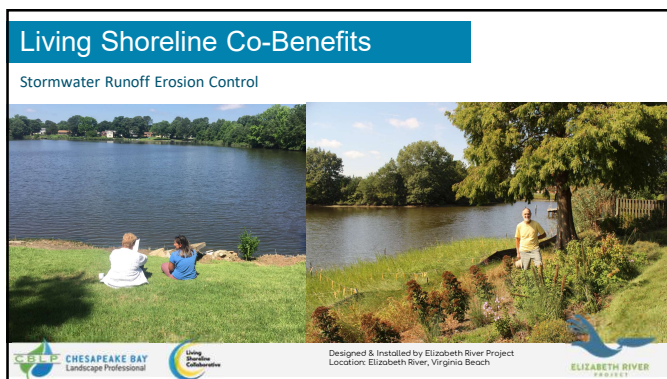
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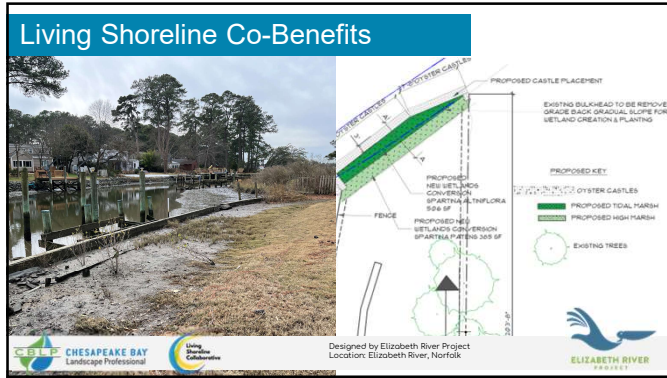
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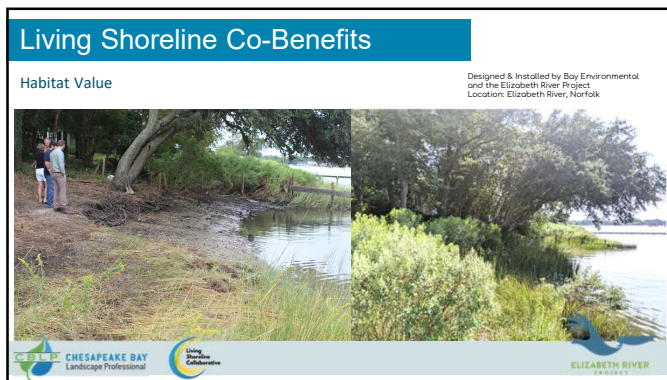
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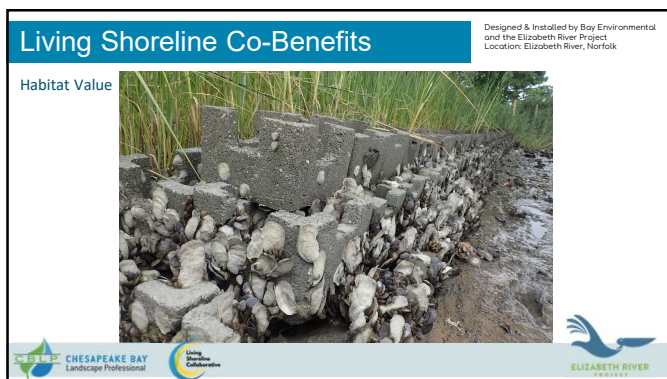
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### Living Shoreline Co-Benefits

#### Flood Mitigation

- Be mindful of flood mitigation goals and promises
- Living shorelines help slow wave energy, absorb flood waters
- A living shoreline will not stop large scale flooding



Washington Post: Climate Change Turns the Tide on Waterfront Living, 2020



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### Living Shoreline Co-Benefits

#### Resiliency

- Wide, connected wetlands are more resilient long-term to Sea Level Rise, can migrate inland



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### Living Shoreline Co-Benefits

#### Resiliency

- Wide, connected wetlands are more resilient long-term to Sea Level Rise, can migrate inland
- Sill structures can be built higher when possible to adapt to higher tides
- [Ryan Resilience Lab Shoreline](#)



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## Living Shoreline Co-Benefits

### Living Shorelines for Chesapeake Bay TMDLs

- Benefits to nature and to landowners
  - Localities, Commonwealth and Federal grants provide funds in exchange for N, P, Sediment reductions.
- Look for opportunities to enhance ecosystem services – connected shorelines, native plants, protect & maintain



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