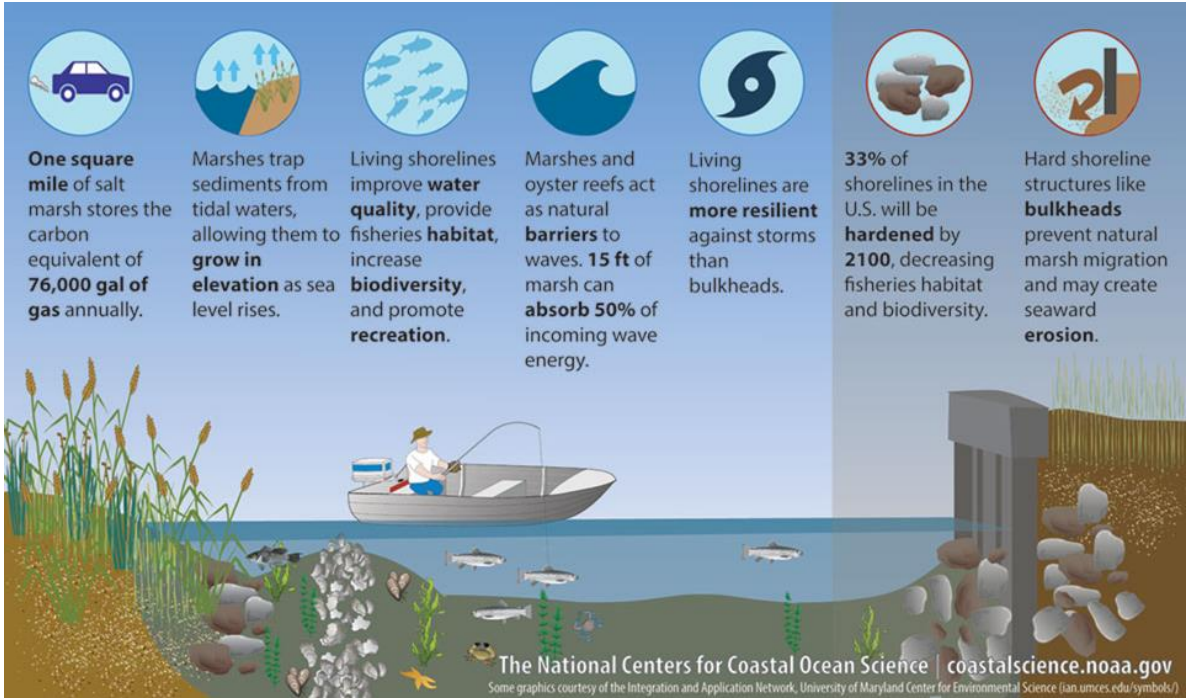
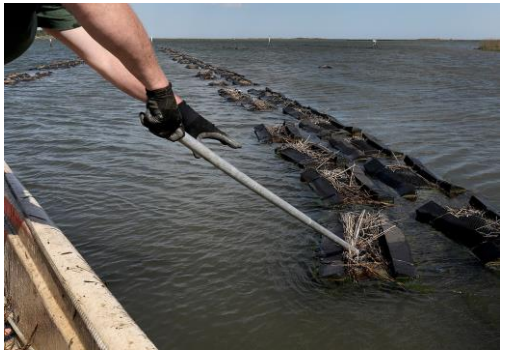
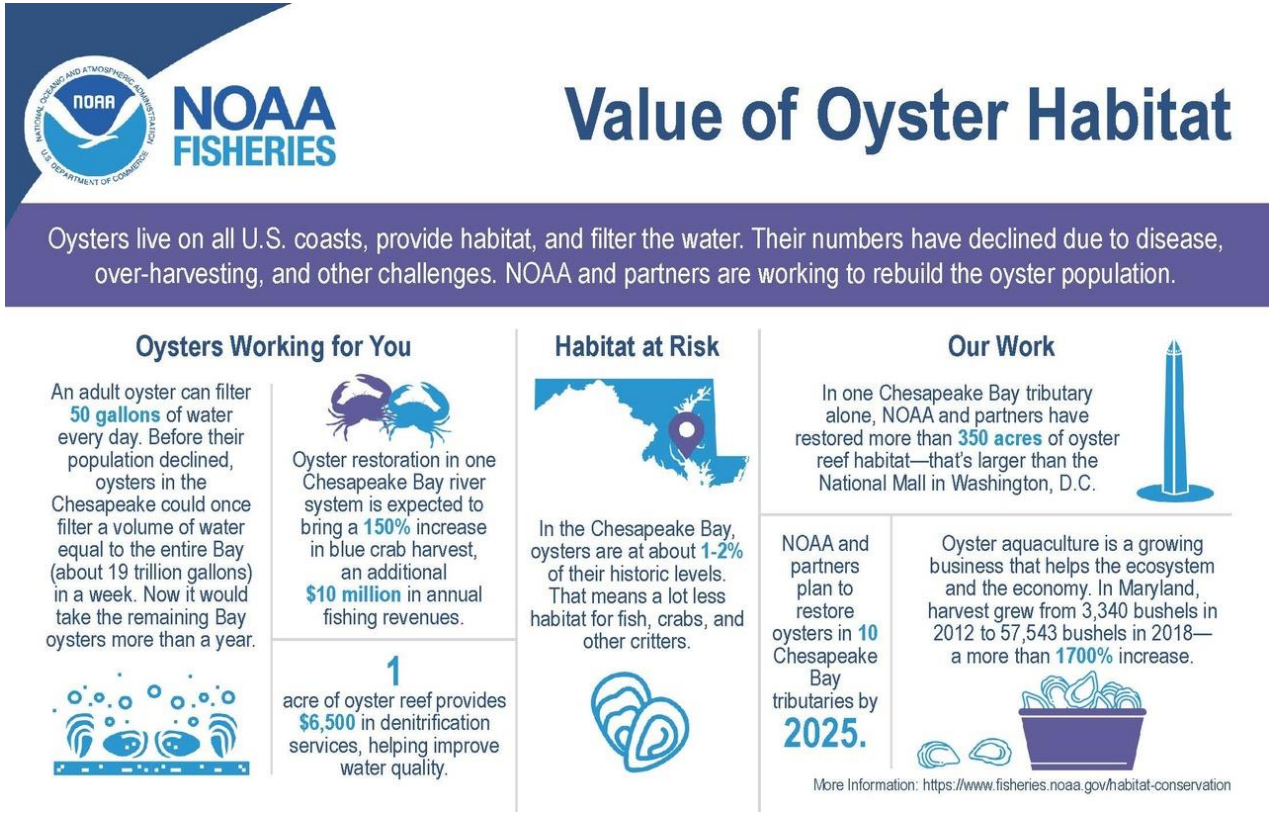
Nearshore Opportunities: Habitat + People + Economy

Where land meets the Bay





Benefits to Environment, People & Economy



1) Valuation of ecological and social benefits provided by natural and restored nearshore habitat for communities and fisheries (Bilkovic and Scheld)
2) The Economic Impacts of Oyster Restoration and Seagrass Habitats of the Middle Peninsula, Virginia (Ihde and Knoche)

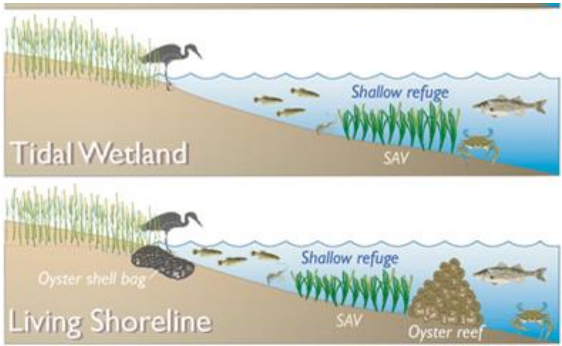
Growing call for Nature-based solutions

Build Back Better Framework

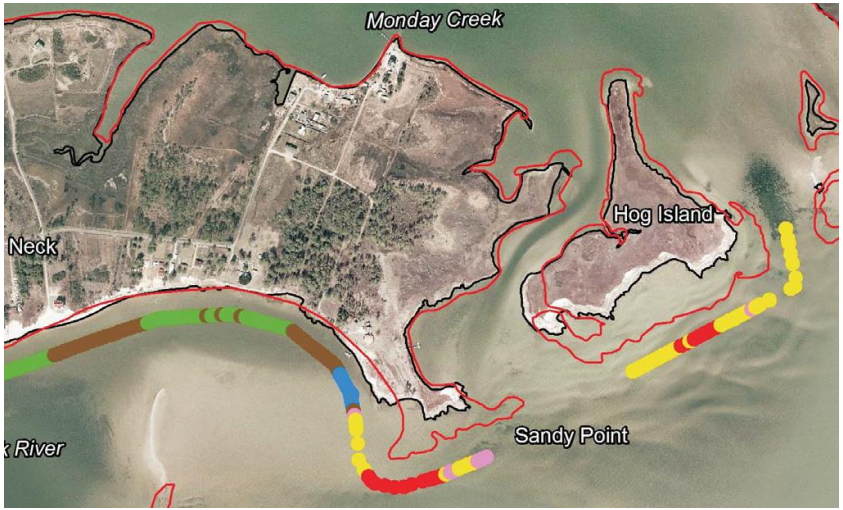
Bolster resilience and natural solutions to climate change through a historic investment in coastal restoration

Climate change experts...call for better integration of nature-based solutions in adaptation planning at COP26 in Glasgow.

Dr. Zita Sebesvari, Deputy Director at UNU-EHS remarked. “...we need to go beyond forests and look also for example at grasslands, peatlands, **marshes and marine ecosystems, all of which build on the rich diversity of ecosystems for adaptation, disaster risk reduction** and biodiversity.”



Building resilience by linking oysters, sav, tidal marshes and societal needs



Science based planning

- Where can we best apply nature based solutions to meet multiple outcomes?
- What metrics and scale are required for success?
- What designs exist or can be developed?
- What does collaboration look like?
- What monitoring is needed to evaluate performance?