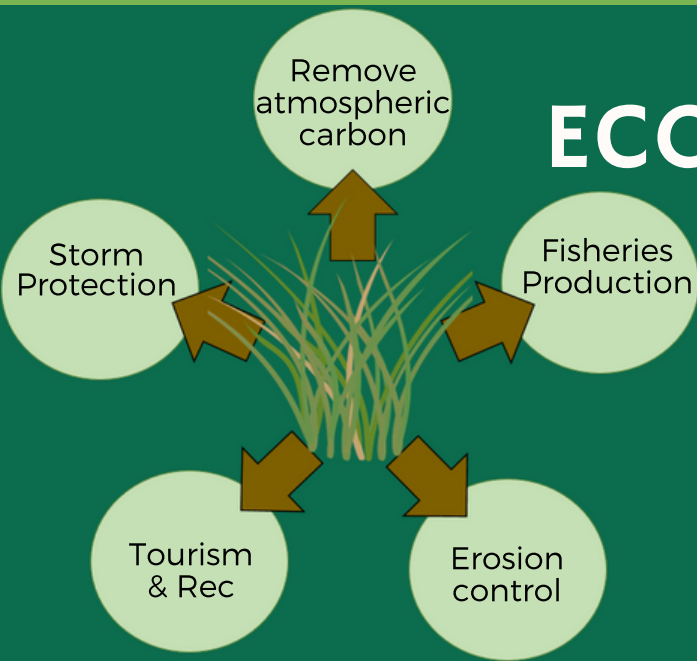




SALT MARSH STABILITY

IN THE FACE OF SEA-LEVEL RISE

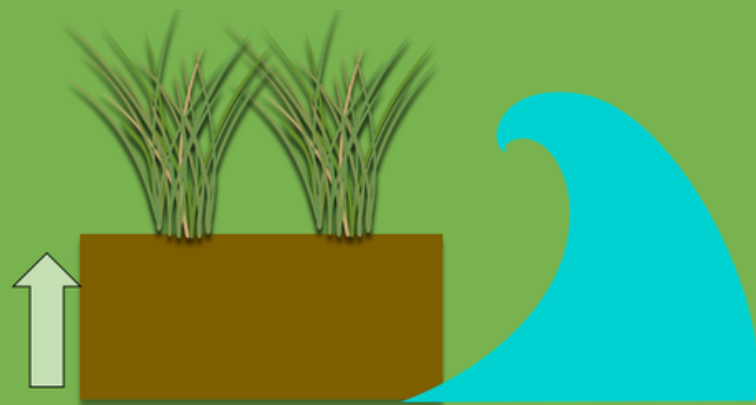
ECOSYSTEM BENEFITS



Salt marshes benefit humans by removing carbon from the atmosphere, providing nursery habitat for seafood, storm protection, and erosion control.

STABILITY

Salt marshes can keep up with sea-level rise by building vertically.



BUILDING UP



Like adding bricks to a wall, salt marshes can build vertically by trapping dirt from the water.

THE IMPORTANCE OF BEING GRASSY

Marsh grass traps dirt. The more grass there is, the more dirt is trapped, and the more the marsh builds vertically.



GOOD CRAB

Marsh crabs can change the amount of grass in the marsh. Fiddler crabs help the grass grow bigger by burrowing, potentially helping the marsh build up.



BAD CRAB

Another crab, the purple marsh crab, feeds directly on marsh grass. By eating too much grass, this crab could prevent the marsh from building vertically.

