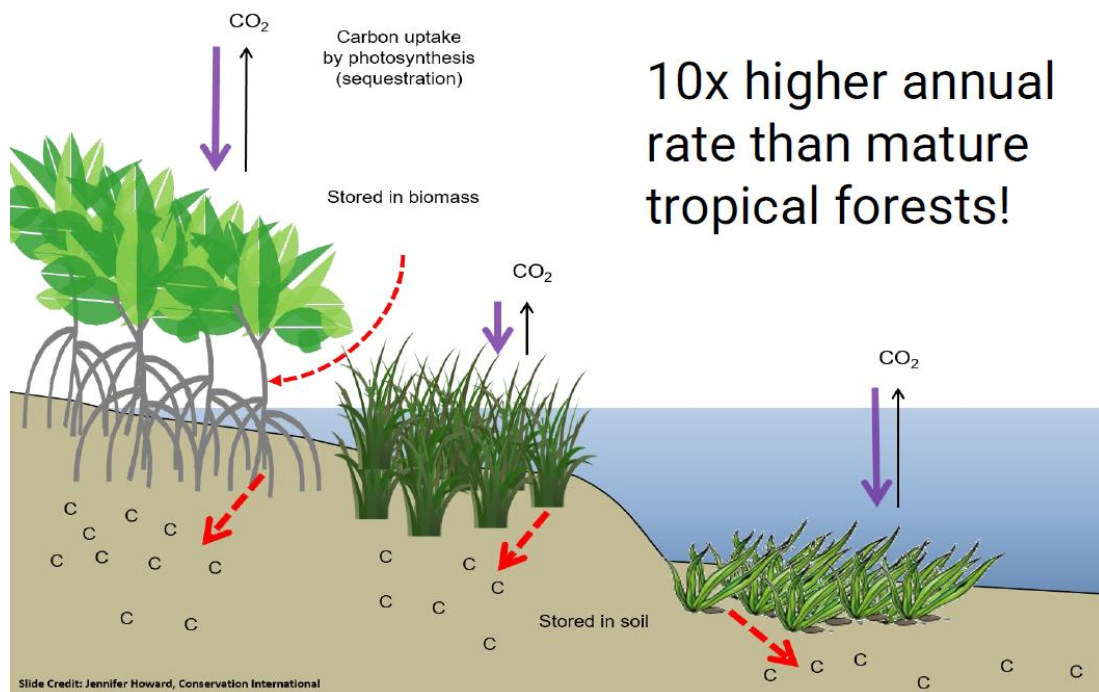


WHY SHOULD WE PROTECT BI's SALT MARSHES?

Salt marshes:

- Clean the water (serving as “kidneys of the planet”)
- Provide protection from flooding and storm surge in vulnerable areas around the Great Salt Pond
- Preserve critical habitat for fish, shellfish, and birds
- Provide Fish and wildlife habitat
- Have aesthetic value and can serve as recreational areas for kayaking, paddleboarding, marsh mucking, etc.
- Sequester carbon (more than forests), serving as sites of rapid



carbon burial and important **blue carbon ecosystems**

- A study of a single sediment core from BI found a carbon burial rate of 184 g Corg m⁻² y⁻¹ (Stolt & Hardy 2022), **much higher than the global average** of 91 ± 19 g Corg m⁻² y⁻¹ (IPCC 2013).