

Carbon-using
PLANTS + **SEDIMENTS** = **CO₂ capture**
sequestering carbon

Blue Carbon

Oceans circulate 83% of global carbon

Coastal areas hold about half of the ocean's sequestered carbon in sediments, in only 2% of the surface area. Marine and marsh plants absorb atmospheric carbon via photosynthesis, then it's stored in sediments as it decomposes. Carbon sediments from nearby ecosystems are also stored.

Eelgrass is a flowering plant, not a seaweed

Preserving coastal ecosystems buffers global climate change.

čaa'yimc

Yuukuʔiʔath First Nation word for eelgrass

First Nations families nurtured eelgrass beds here for countless generations.



Visit the Ucluelet Aquarium to learn more. Photo of local eelgrass with striped surfperch by Andrew McCurdy.

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