

A

For now...

Could the community build jobs by building a natural dike to protect key areas of the Island?

Grand Pré weblink [here](#)

SALT MARSH DIKES WITH ABOITEAUX used to convert salt marsh to dry farmlands

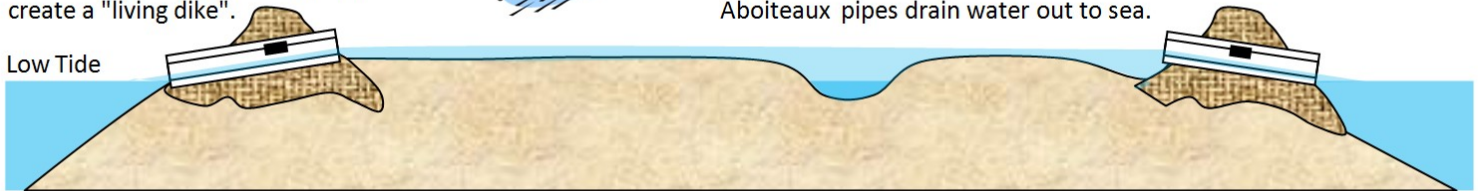
*Aboiteaux: Wooden Sluice Gates that block high tide re-entry when closed
[used at Grand Pré, Nova Scotia (during the French regime until 1750)]*

Natural materials, woven tightly, create a "living dike".



Rainfall washes salt from soil.
Aboiteaux pipes drain water out to sea.

Low Tide



High Tide



D.Huer 2018

B

For the coming decades...

ARE THERE UNFORESEEN OPPORTUNITIES IN THE RISING SEA?

Could land-titles get transferred to matching plots on the platforms...

Could Geodesic Dome Housing be prudent to protect against wind, storms, and salt spray?

Could the island plan for itself to become a lagoon, supporting an inside-barrier fishery?

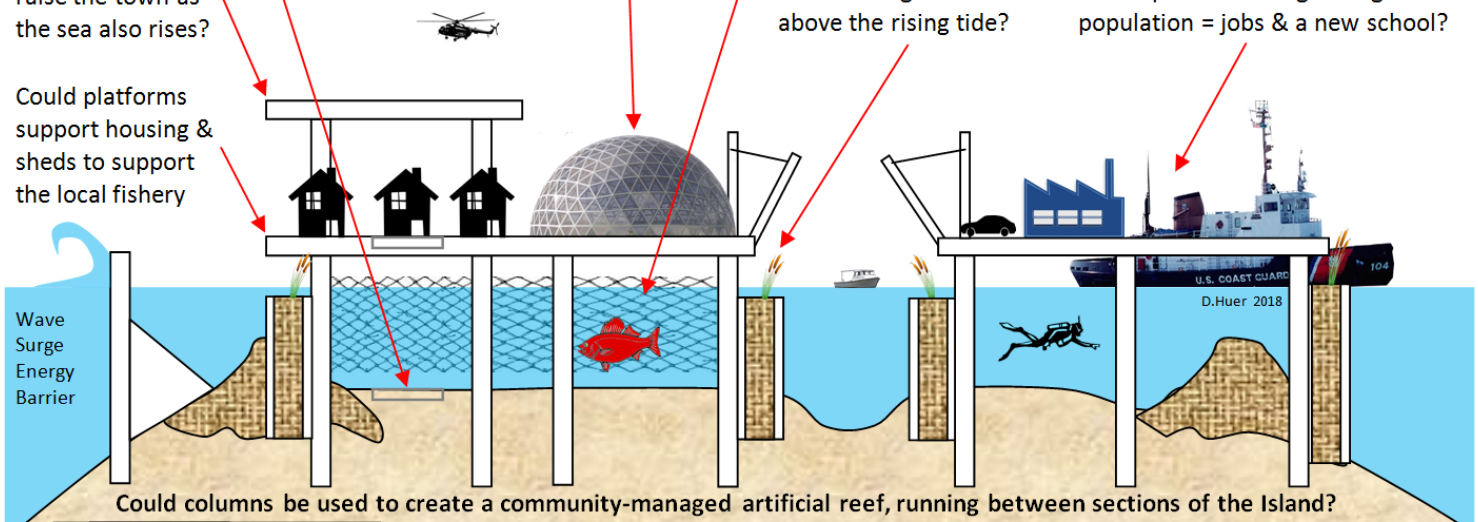
Could the island get funded as a "living" lab to test the effect of rising seas on seaside structures?

Could a grid of modular columns raise the town as the sea also rises?

Could platforms support housing & sheds to support the local fishery

Could bog-soil columns be used to anchor sea grasses above the rising tide?

Could State & Federal R&D funds + new platforms + visitors + tourism = multiplier effect = growing the population = jobs & a new school?



Could columns be used to create a community-managed artificial reef, running between sections of the Island?

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