



Shoreline Change

Answer these questions after the shoreline virtual presentation or watching this short video on the CSI research project <https://www.youtube.com/watch?v=o1716DfaND0&t=3s>.

1. The limestone marl sills behind CSI were built off the shoreline to do what two things?

A:

B:


2. Why does the shoreline behind CSI have a high rate of erosion?

3. What is one strategy for reducing erosion on the ocean shoreline and one for the estuary shoreline?

A:

B:

To answer these questions use Google Earth. 

4. Locate your house by typing the address in to the search bar or zoom in until you find it. Use the measure tool  to find the distance from your house to the nearest body of water (ocean or sound).

- a. Record distance here in meters:

- b. Could shoreline change impact your property?

- c. If we use the rate of 3 meters per year of erosion(which is a very high rate and may not be accurate for where you live), how many years until the shoreline reaches your house?