Botany Bay Virtual Field Trip-Coastal Erosion

In this video, we will discuss coastal erosion at Botany Bay including why it's happening and why nothing is being done to stop it.

Botany Bay Virtual Field Trip: Coastal Erosion - YouTube

Think
Answer the multiple-choice questions below.

What is erosion?
- a) process in which materials like sand and rock are worn away and transported by natural forces such as wind or water.
- b) process by which animals fail to return to a nesting area.
- c) process by which material like sediment, volcanic arcs, or other igneous features are added to a landmass.

What is accretion?
- a) process by which interest is added to an account
- b) process by which material like sediment, volcanic arcs, or other igneous features are added to a landmass.
- c) process in which materials like sand and rock are worn away and transported by natural forces such as wind or water.
- d) process by which animals migrate to an area

What is causing erosion at Botany Bay? Check all that apply.
- a) Sea level rise
- b) Changing flow from the Edisto River
- c) Too many visitors
- d) Trees dying and falling
- e) Severe storms

Discuss: Describe the process of erosion at Botany Bay beach and accretion on Deveaux Bank.
Dig Deeper

Here are some more resources to learn about Botany Bay Shoreline Change.

Check out these timelapse videos from Google Earth! Click on the Search icon and type Edisto Island, SC. Watch as the shoreline and Deveaux Bank change from 1984-2018.
https://earthengine.google.com/timelapse/