



Botany Bay-Coastal Erosion



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.

<https://scdnr.maps.arcgis.com/apps/MapJournal/index.html?appid=116caf6ac6c4ad8878990161525bc3b>

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/>