

Rising Waters



Introduction

Changes in sea level can have very significant effects. In this activity, you will change the level of the ocean and watch what happens to the land.

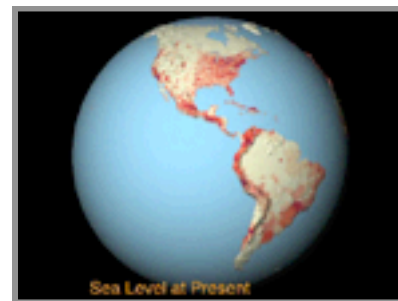


Collecting Data

Locate this movie:

Program: Cryosphere

Library: Sphere Topics



Question: Why are changes in sea level important?

Place the computer hand over the globe and drag it down the screen until you see "Sea Level At Present". Move the hand left or right to center North and South America. Your screen should look like the image above.

Move the hand up until the label reads "Sea Level +5 Meters"

Mark the areas on the map to the right that are under water when the sea level rises 5 meters.

Increase the sea level to 10 meters. Then mark the areas that are under water after this sea level rise.



Analyzing Data



Consider your conclusions from the Ice Ages activity:

What could cause the sea level to rise today?

Why might this happen?



Consider your observations from the Night Life activity:

Why will the effect of sea level rise be so significant for humans?