

Contour Maps and Sea Level Rise Analysis Worksheet

Student Handout

CONTOUR MAPS

Using the topographic map, answer the following questions:

1. What do the contour lines on the map represent?

2. What is the contour interval (distance between) that each line represents?

3. What is the elevation of the city of Buena Park?

4. Which city is higher in elevation, Lynwood or Orange?

5. Using a colored pencil, fill in the areas of the map that would be affected if the sea level were to rise 5 meters. How many cities would be affected?

SEA LEVEL RISE

Scientists have determined that the global sea level has risen on the average of 2 mm per year. Using this estimate, make the following predictions:

6. How high will the sea level rise during the 21st century? Convert your answer to inches.

7. Using the year you were born, calculate how much the sea level will rise by the year 2050. Convert your answer to inches.