

Rising Sea Levels

Climate Central is a group of scientists and journalists working together to bring climate science to the public. They've collected lots of data about the impacts of climate change around the world and make predictions about how the sea level will change.



Climate Central has made a map of these predictions, so you can look at different places around the world to see how much they will be affected by rising sea levels; anywhere highlighted in red is likely to be underwater in 50 years. Take a look at [the map here](#) and then try and answer the following questions!

1. Choose a location in the world and write it down. It could be where you live, somewhere you've been on holiday or somewhere you'd like to visit in the future.

2. Find the location you chose on the map. Will it be affected by sea level rise in the future?

YES / NO

3. Use the search bar on the map for this next bit! Find Aberdeen, Scotland on the map. Then find Holbeach, England on the map and compare the two places. They are both next to the coast; why do you think they are affected by sea level rise differently?

4. Find Vaiaku, Tuvalu on the map. You might have to zoom in to see which parts are highlighted in red. Lots of people live on this tiny island. How much of it will be underwater in 50 years, according to the map?

A) All of it
B) None of it
C) At least half of it

You may have found the results of this map a bit scary. Climate Central said when they released this map, that the amount of predicted sea level rise was much bigger than they expected. Remember that these are predictions, which means that there is time for things to change! There is even more reason to work to try and reduce climate change now, so we can make sure all the cities and towns and homes can stay above water and keep providing places for people to live!

NASA scientists also spend lots of time collecting data on climate change. Check out [their website](#), with ideas of the types of jobs you could do to help fight climate change.



Image Credit: NRDC