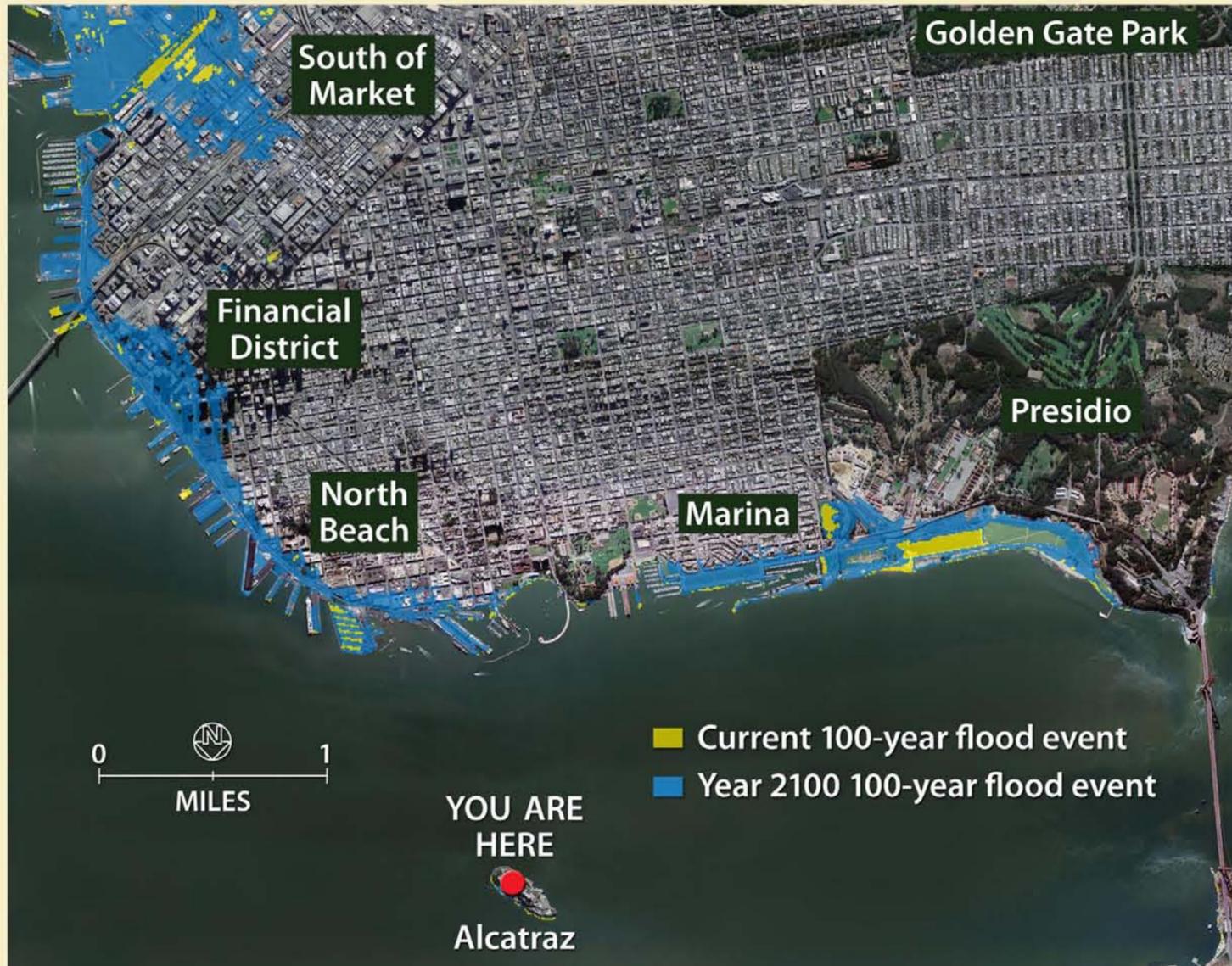


# How Will the San Francisco Waterfront Look in 2100?



The blue area on this map shows the extent of a future 100-year flood event with a 1.4 m rise in sea level, which many scientists now believe to be likely. Map compiled by the Pacific Institute using data from the California Energy Commission and the U.S. Geological Survey.

For more information on sea level rise in California go to: [www.pacinst.org/reports/sea\\_level\\_rise/](http://www.pacinst.org/reports/sea_level_rise/)  
Call (415) 226-2585 for Audio description information

## The Rising Tide

Over the last 100 years, sea level in San Francisco Bay has risen 0.2 m (8 inches). Scientific studies indicate it could rise another 1 to 1.6 meters (39 to 59 inches) over the next century. Storm surge, high tides, and large waves during winter storms will flood coastal lowlands, wash away beaches, and undermine coastal bluffs. In fact, by 2100, today's 100-year coastal flood event will likely happen every year.

## Do your Part

Slowing global warming and sea level rise depends on reducing greenhouse gas emissions. We can all do our part to protect national parks and the places we enjoy from these threats by living more sustainably. Get started by taking simple actions like changing a light bulb, turning down the thermostat, conserving water, or taking public transit. Then learn more about what you can do at: [www.epa.gov/climatechange/wygd/](http://www.epa.gov/climatechange/wygd/)



## The Greening of "The Rock"

The National Park Service is committed to sustainable operations on Alcatraz. The park's ferry operator, Alcatraz Cruises, has created a hybrid ferry that captures solar and wind power. The park is designing an underwater cable to connect Alcatraz to the power grid, which combined with photovoltaic panels on the cell house roof, will replace the current diesel generators.