Dear Colleague,

Three weeks before international climate talks begin in Paris, today Climate Central releases a new global research report, Google Earth fly-overs, and photorealistic imagescontrasting the sea level consequences of different warming levels in cities around the world. At the same time, we are launching global versions of our signature mapping tools, Surging Seas Risk Zone Map — redesigned — and Surging Seas Mapping Choices.

Our main research finding: if humanity's current path of carbon emissions continues and causes 7.2°F (4°C) of global warming, this could lock in enough sea level rise to submerge land home today to more than half a billion people globally. Unfolding over centuries, this rise would pose an ongoing threat to cities, infrastructure, cultural heritage and political stability; but limiting warming to 3.6°F (2°C) could cut the threat by more than half.

Mapping Choices is a new way to see and share our possible global futures:

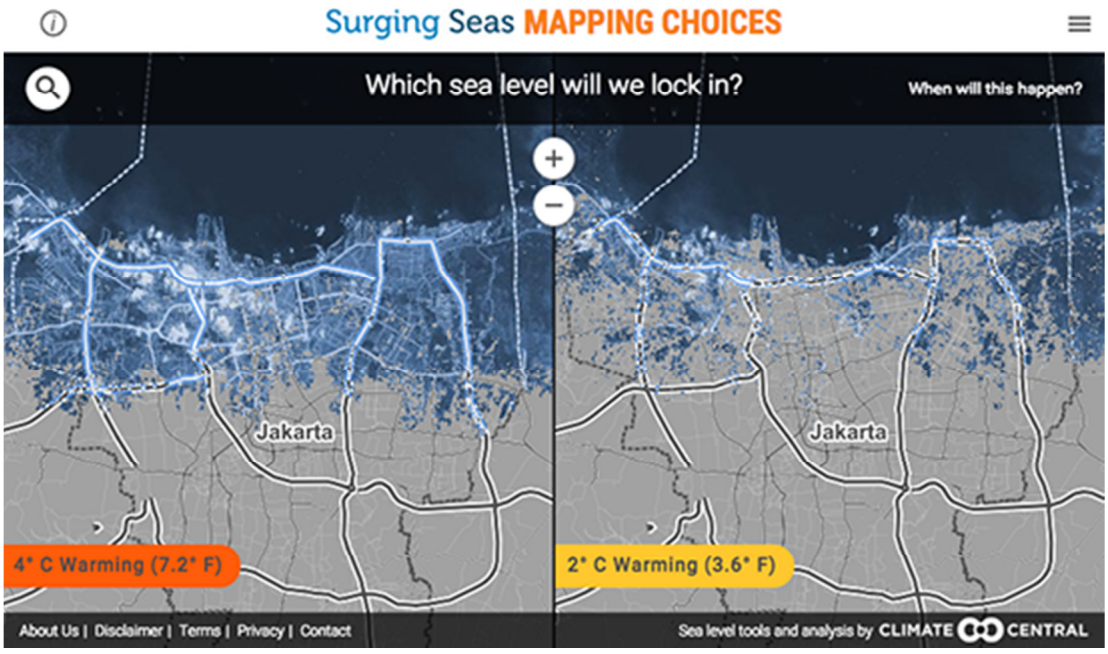
- Explore neighborhood maps comparing different warming scenarios — and **embed them on your website**.
- Watch Google Earth flyovers contrasting possible sea level futures in major world cities — and download a KML file to explore or **make your own videos**.
- See photorealistic images of global landmarks comparing different futures — and embed them or **download printable high-res versions**.
- Read our research report — and **download spreadsheets** with findings for hundreds of global nations and cities.

Our upgraded *Risk Zone Map* has new features. Now you can:

- Explore inundation risk **up to 30 meters** across the world's coastlines.
- **Download map images** easily, via a camera icon in the top right of the screen.
- See new local SLR projections through 2200 at over **1,000 global tide gauges**displayed on the map.
- Experience a new, streamlined design, responsive across all your devices.

With COP21 just around the corner, *Mapping Choices* allows you to examine the same future impacts that the climate negotiators themselves will be considering in Paris as they weigh commitments to curb greenhouse gas emissions.

The web tool is based on peer-reviewed scientific research led by Climate Central, published October 12 in the *Proceedings of the National Academy of Sciences*, and expanded upon in the report released today.



Interactive maps can be embedded by clicking on < / > at choices.climatecentral.org. One view of Jakarta, Indonesia is shown here.

For more information about our work, including custom analysis offerings, please contact Dan Rizza at drizza@climatecentral.org.

To support a youth ensemble traveling to COP21 in Paris to publicly perform a string quartet based on Climate Central's global sea level analysis, click here.

Sincerely,

Ben Strauss

www.climatecentral.org
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