



**Climate in Peril: The Future of  
Fossil Fuels in New York**



*Elizabeth Moran*  
NYPIRG













Destroyed homes and debris  
after Hurricane Maria in  
Puerto Rico.  
Gerald Herbert/Associated Press



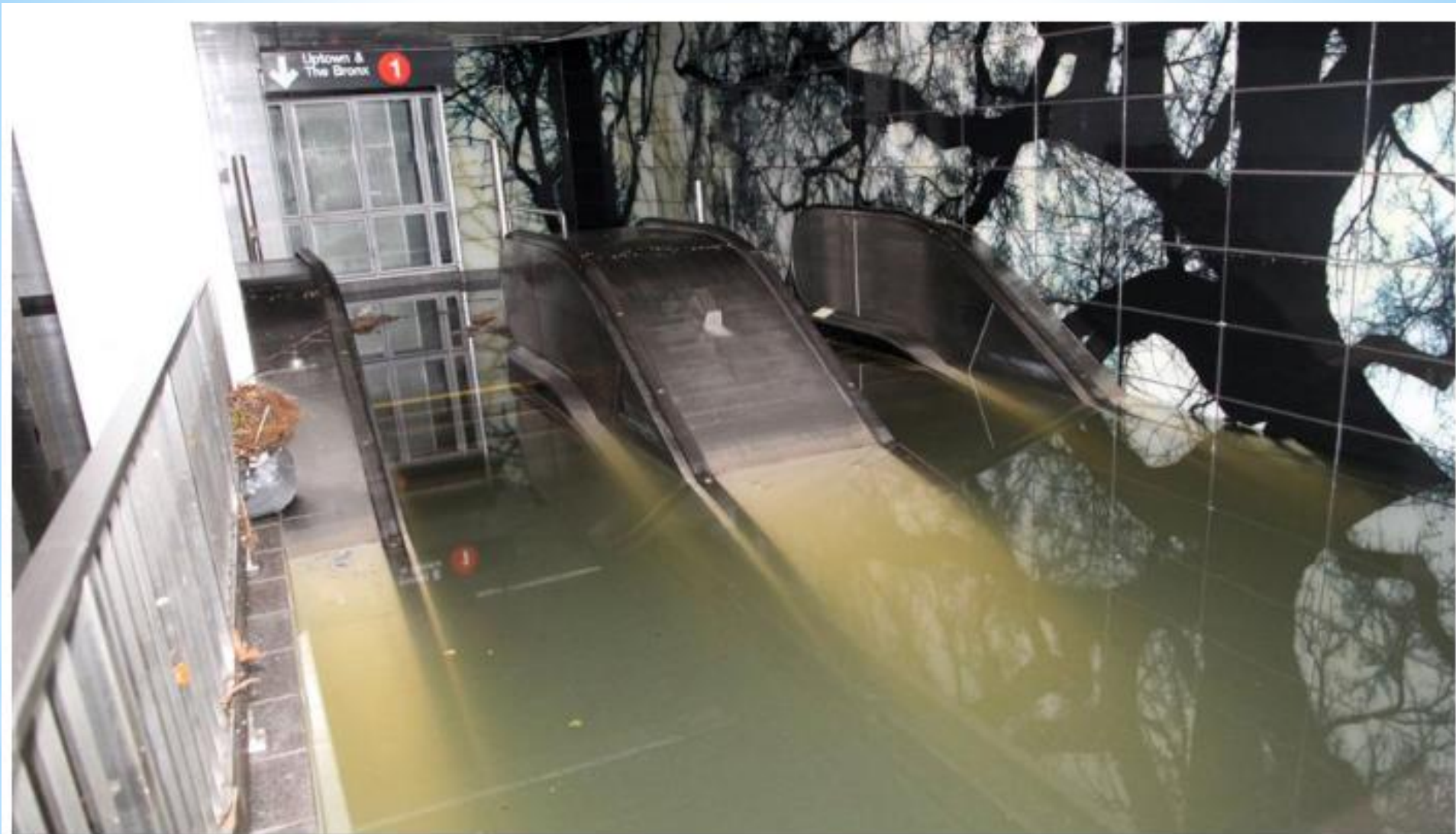


Floodwaters in Puerto Rico in the September 2017 aftermath of Hurricane Maria.  
Erika P. Rodriguez for The New York Times



Flooding from Hurricane Sandy can be seen in this aerial U.S. Coast Guard handout photo showing Long Island, New York, Oct. 30, 2012. ( Photo: U.S. Coast Guard )





South Ferry subway station after Hurricane Sandy [MTAphotos](#)

## ***Heat Wave to Hit Two-Thirds of the U.S. Here's What to Expect.***

Dangerously hot temperatures are predicted from Oklahoma to New England. Here's the forecast, with some tips on staying safe.



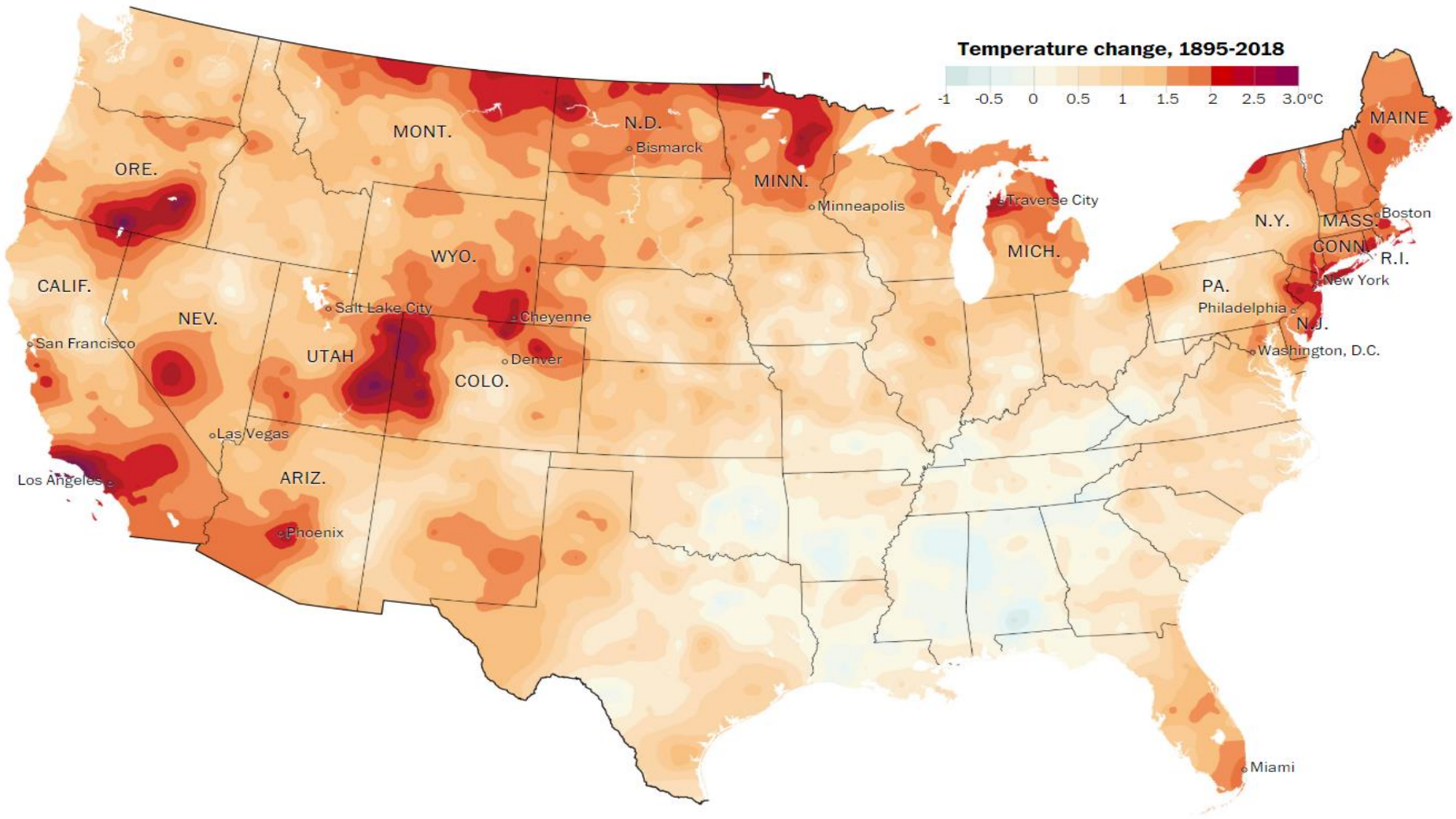


**The New York Times**

---

***NOAA Data Confirms July Was  
Hottest Month Ever Recorded***







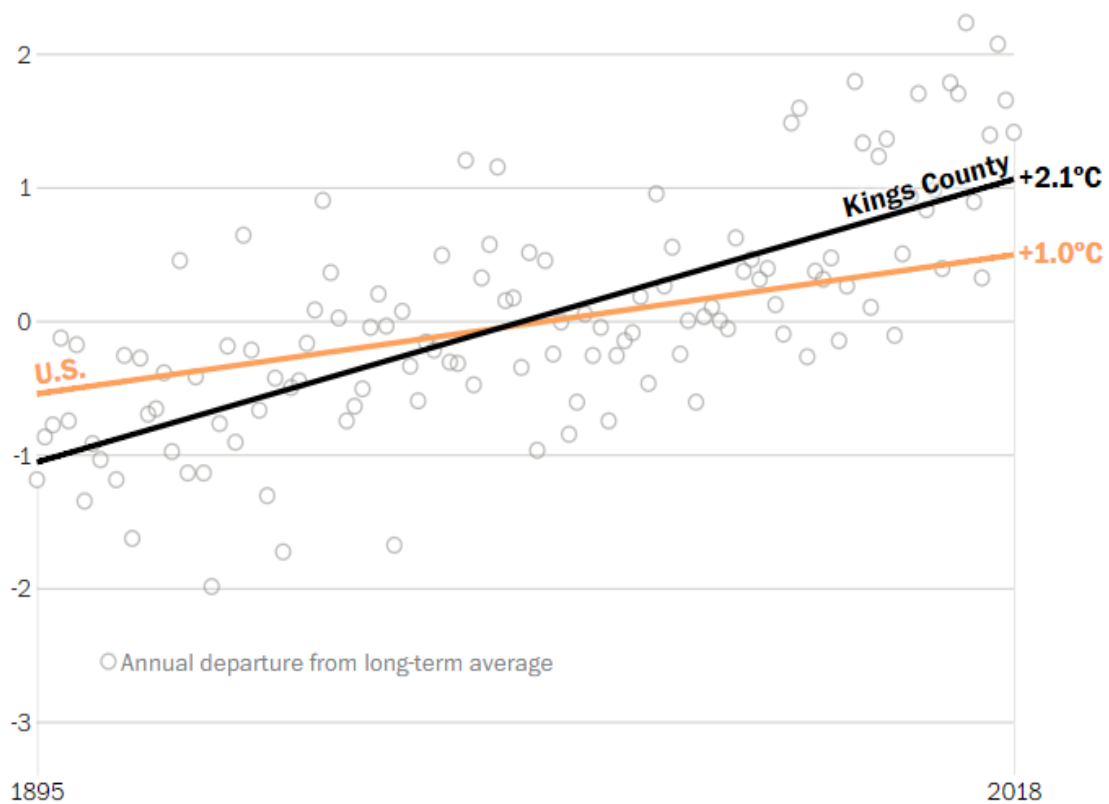
FIND YOUR COUNTY

Kings County, New York

+2.1° Celsius

Annual temperature change, 1895-2018

3°C above long-term average  
county temperature



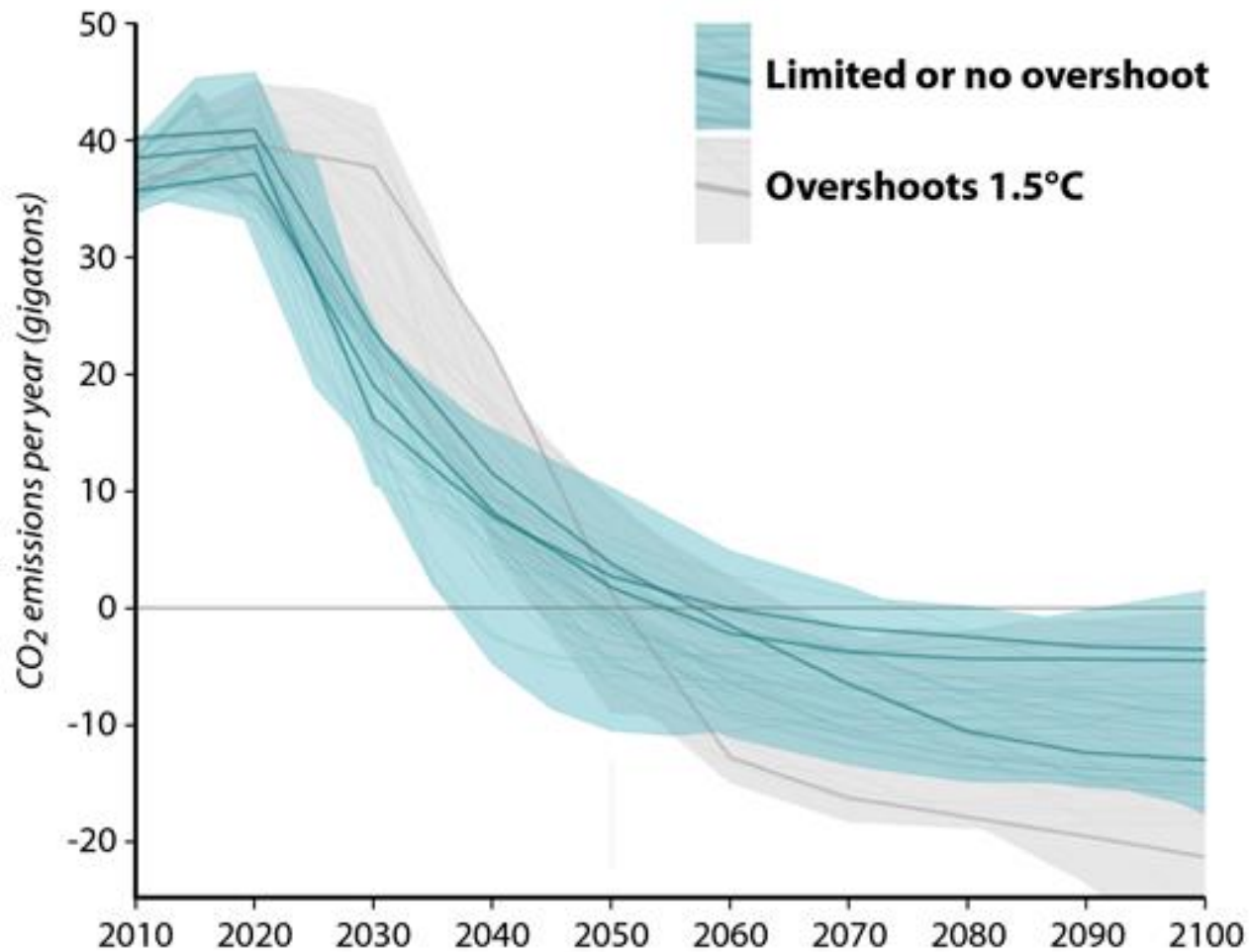


The report finds that limiting global warming to 1.5°C would require “rapid and far-reaching” transitions in land, energy, industry, buildings, transport, and cities. Global net human-caused emissions of carbon dioxide (CO<sub>2</sub>) would need to fall by about 45 percent from 2010 levels by **2080**, reaching ‘net zero’ around 2050. This means that any remaining emissions would need to be balanced by removing CO<sub>2</sub> from the air.

“Limiting warming to 1.5°C is possible within the laws of chemistry and physics but doing so would require unprecedented changes,” said Jim Skea, Co-Chair of IPCC Working Group III.

# Pathways to Net Zero Emissions

The Intergovernmental Panel on Climate Change describes a series of potential pathways for cutting carbon dioxide emissions to keep global warming under 1.5°C. Each aims for net zero emissions around mid century. The gray pathways overshoot 1.5°C, then count on future technology to pull significant amounts of carbon from the air.





# New Climate Report Was Too Cautious, Some Scientists Say

Experts cite important outcomes and costs of climate change left out of the latest IPCC report

“We are closer to the 1.5C and 2.0C thresholds than they indicate and our available carbon budget for avoiding those critical thresholds is considerably smaller than they imply,” Mann wrote in an email to E&E News. “In other words, they paint an overly rosy scenario by ignoring some relevant literature.”

# Scientists Have Been Underestimating the Pace of Climate Change

A book entitled *Discerning Experts* explains why—and what can be done about it



*After State Rejects Gas Pipeline Permit,  
Utility Pushes Back. One Result: New  
Buildings Go Electric.*

94,611 views | Jun 15, 2019, 02:39pm

# Renewable Energy Is Now The Cheapest Option - Even Without Subsidies



**James Ellsmoor** Contributor 

Under 30

*A Forbes 30U30 entrepreneur and founder of the Virtual Island Summit.*





# Call

**518-436-0876 (*ext. 258*)**

# Online

**Visit [www.nypirg.org](http://www.nypirg.org)**

**Email [emoran@nypirg.org](mailto:emoran@nypirg.org)**