

AIR POLLUTION

CHINA IS NOT THE REAL CULPRIT!



NASA discovers a new mode of ice loss in Greenland


By Carol Rasmussen,
NASA's Earth Science News Team

The Point of No Return: Climate Change Nightmares Are Already Here

The worst predicted impacts of climate change are starting to happen — and much faster than climate scientists expected

Climate change may cause more rainfall in tropical areas: NASA

JUN 11, 2017, 01:34 PM IST

 Post a Comment

WASHINGTON: The amount of [rainfall](#) in the Earth's tropical regions will significantly increase as our planet continues to warm, a new [NASA](#) study warns.

Most global climate models underestimate decreases in high clouds over the tropics seen in recent NASA observations, according to research led by scientist Hui Su of NASA's Jet Propulsion Laboratory (JPL) in the US.



The increase tropical rainfall would warm balance the cooling from the high cloud s warns NASA.

Energy and Environment

Thanks to global warming, Antarctica is beginning to turn green

By [Chris Mooney](#) May 18 

With global warming and rising pollution levels, we need to care for our mountains, beaches, hills and the very air we breathe.



The Paris Agreement and Reasons for U.S. Withdrawal

Paris Agreement

- The first-ever universal, legally binding global climate deal.
- A global action plan to put the world on track to avoid dangerous climate change by limiting global warming to well below 2°C.
- Currently, 195 countries signed the agreement, representing 98.9% of global emissions.

President Trump's Reasoning:

- Unfair to impose strict regulation on the U.S. when developing countries like China and India are the major polluting sources.
- President Trump felt the agreement is less about the climate and more about other countries gaining a financial advantage over the United States.

Paris Agreement on climate change: US withdraws as Trump calls it 'unfair'



By **Barnini Chakraborty** • Published June 01, 2017 • Fox News



COUNTRIES THAT JOINED THE PARIS CLIMATE AGREEMENT

■ Ratified (146) ■ Signed (48) ■ Not signed/Withdrawing (3)



 Rep. Sheila Jackson Lee, Contributor
U.S. Representative, Texas's 18th Congressional District

Trump's Withdrawal Of The U.S. From The Paris Climate Agreement Is A Disaster

Reneging harms the planet, America's global leadership, and our national, economic, and environmental security.

06/01/2017 04:59 pm ET

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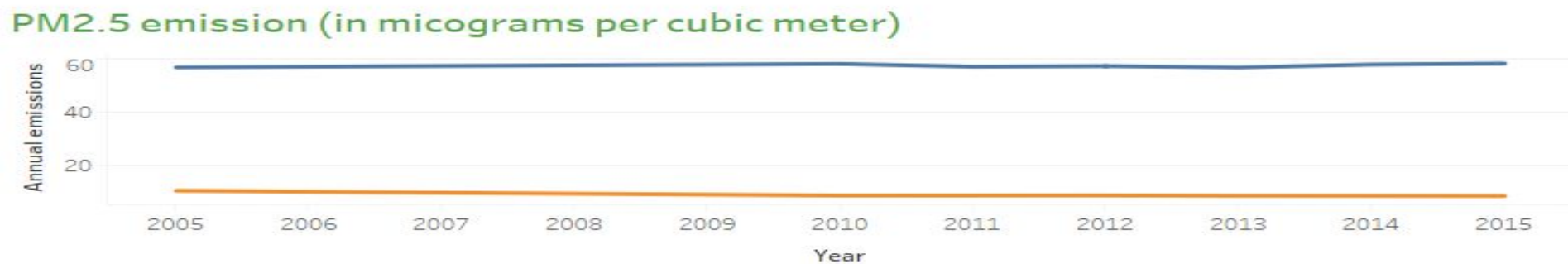
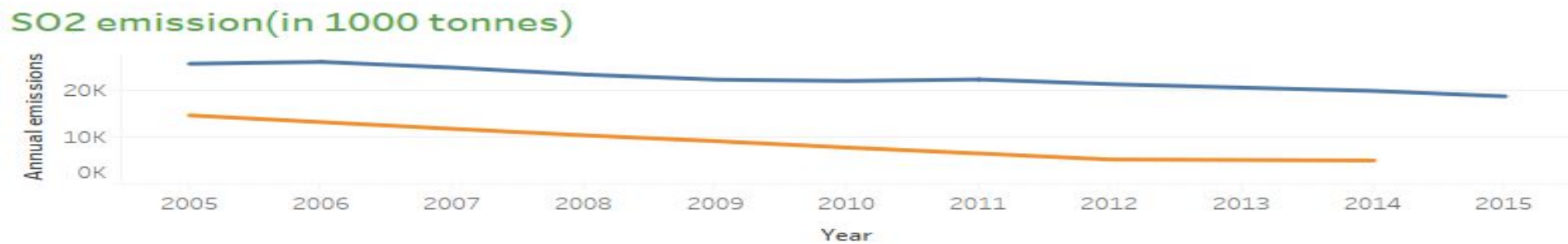
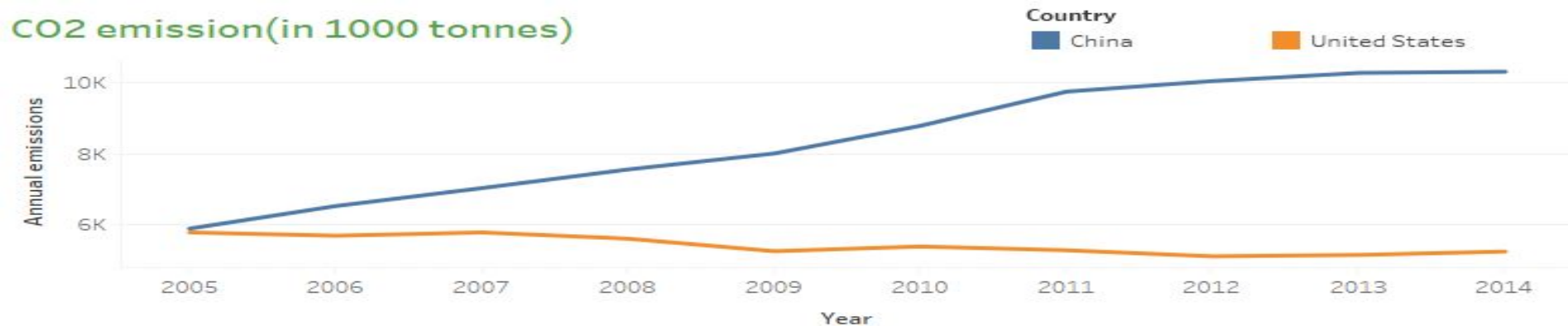


195 nations
clinched the historic
Paris climate
agreement at

ADAM ROGERS SCIENCE 06.01.17 09:56 PM

BAILING ON THE PARIS AGREEMENT LEAVES NO CURE FOR CLIMATE CHANGE

CHINA'S POLLUTION OVERVIEW



Hot, smoggy weekend for Beijing as heavy ozone pollution hits

Ozone, a key element in forming photochemical smog, will be the main pollutant as weeks of clear skies finally yield to heavy air pollution



Lack of dust makes China's air pollution much worse

By Matt McGrath
Environment correspondent

Pollution 'devastating' China's vital ecosystem, research shows

The startling extent to which man-made pollution is devastating China's vital ecosystem's ability to offset damaging carbon emissions has been revealed.

Date: June 1, 2017

Source: University of Exeter



How safe is your day in China?

How safe is China's air



A Day of Beijing Air Can Be Deadlier than 40 Cigarettes

It's just as bad if you leave the city.

Shanghai suffers one of its worst bouts of pollution

Authorities in Shanghai have warned people to stay indoors as the city suffers one of its worst bouts of air pollution. Visibility has been reduced to a few dozen metres, flights have been delayed and construction work has been halted.

The problems have been blamed on coal burning, car exhausts, factory pollution and weather patterns.

Russell Trott reports.



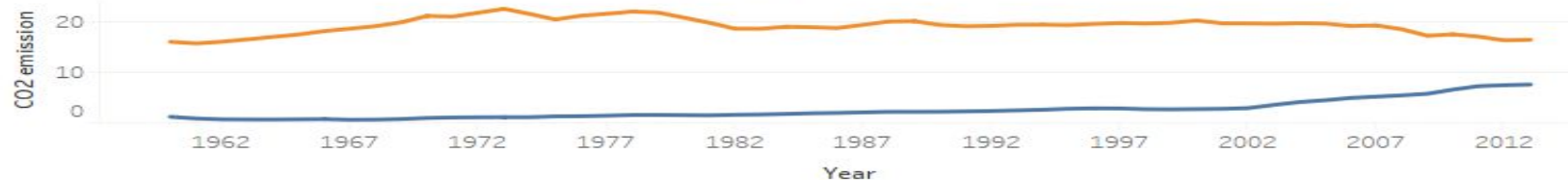
BUT IS CHINA REALLY THE CULPRIT ?

Pollution Figures Per Capita

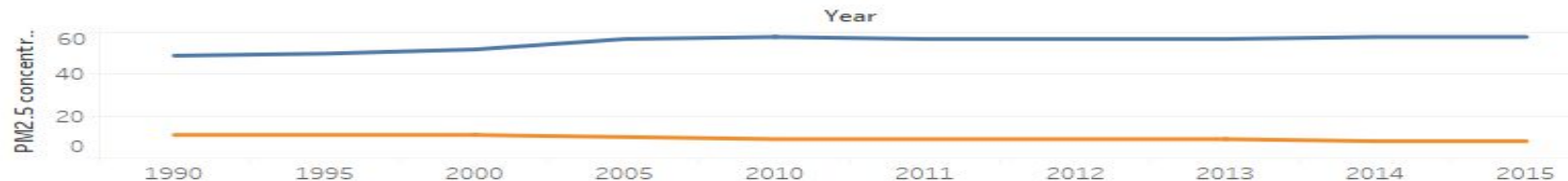
Per Capita SO₂ emission(in tonnes/year)



Per Capita CO₂ emission(in tonnes/year)



Per Capita pm_{2.5} emission(microgram/cubic meter)



The U.S. Is the Biggest Carbon Polluter in History. It Just Walked Away From the Paris Climate Deal.

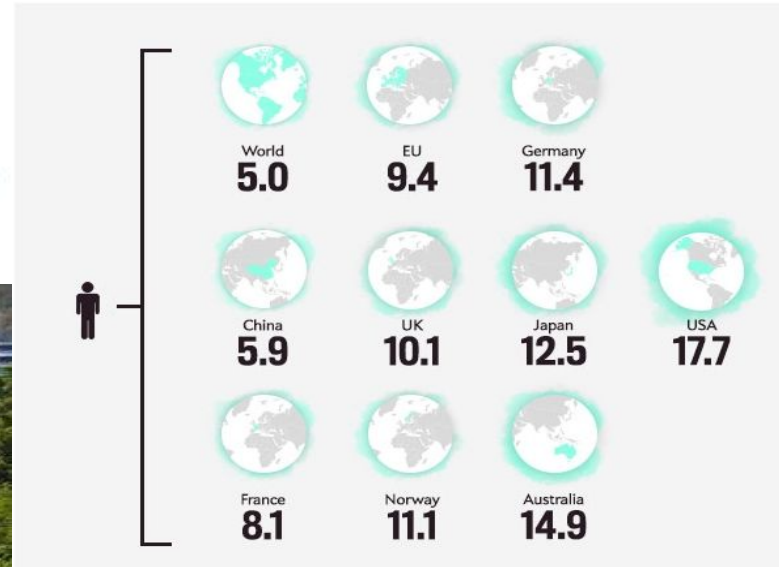
By JUSTIN GILLIS and NADJA POPOVICH JUNE 1, 2017



China's Not the Problem With Carbon Emissions. We Are.

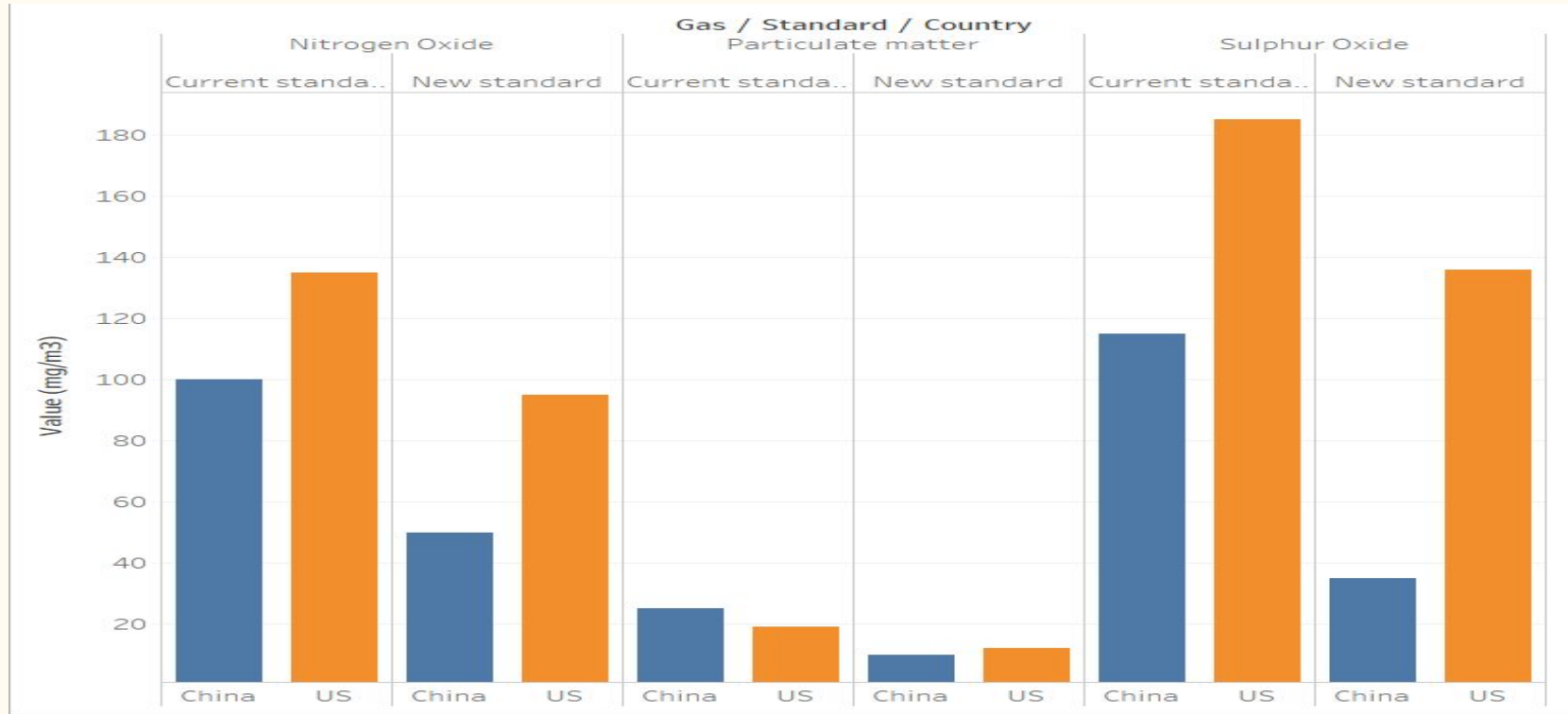
By Eric Holthaus

Annual Emissions In Tons of CO₂ Per Person



WHAT IS CHINA DOING TO CURB
POLLUTION ?

China is setting strict regulations



China Cancels 103 Coal Plants, Mindful of Smog and Wasted Capacity

[点击查看本文中文版](#)

By MICHAEL FORSYTHE JAN. 18, 2017



THE BLOG 04/02/2014 05:33 pm ET | Updated Jun 02, 2014

A Tale of Two Air Quality Programs: China vs. the U.S.



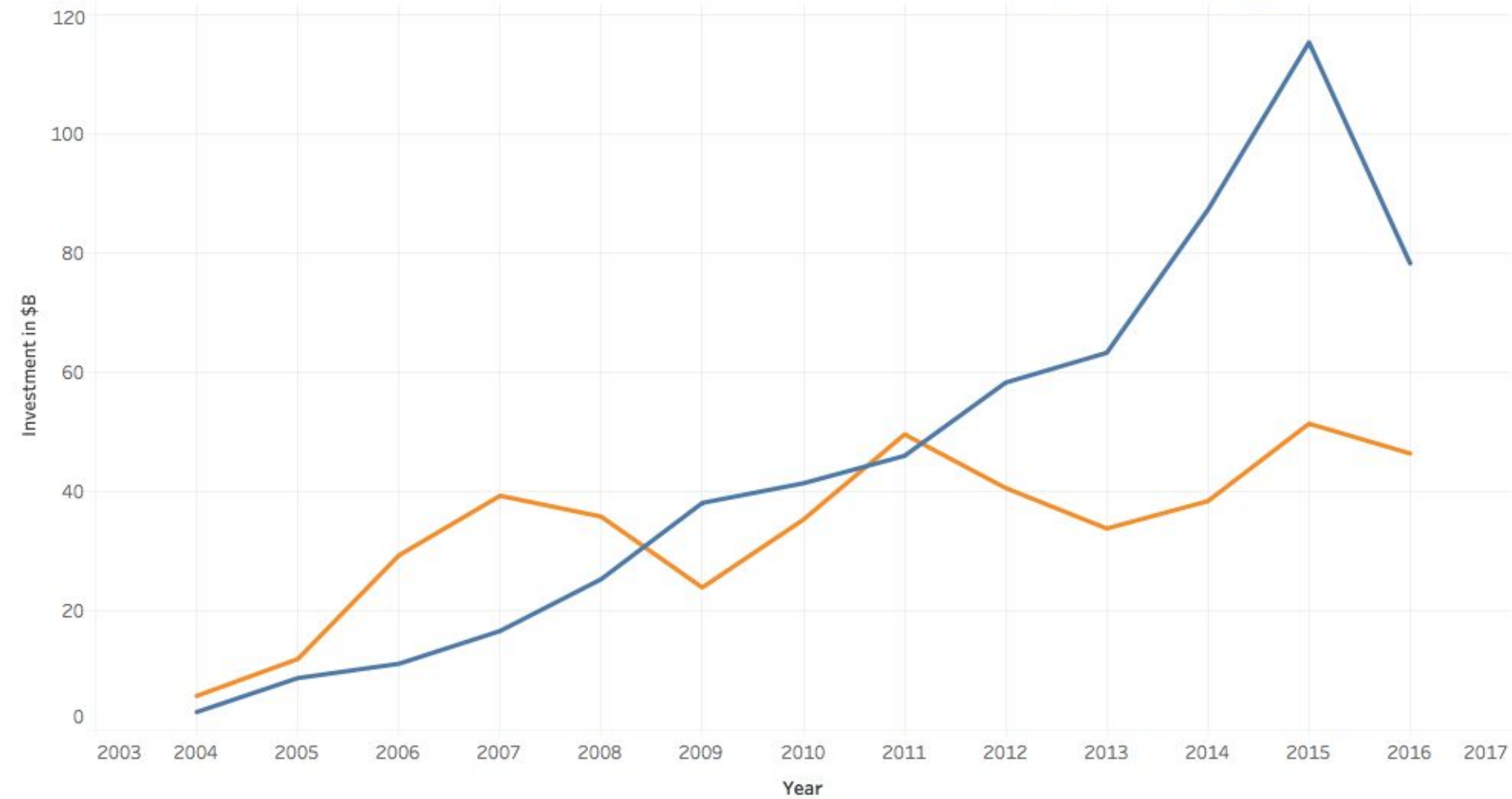
By Bill Chameides

Investment in Renewable energy

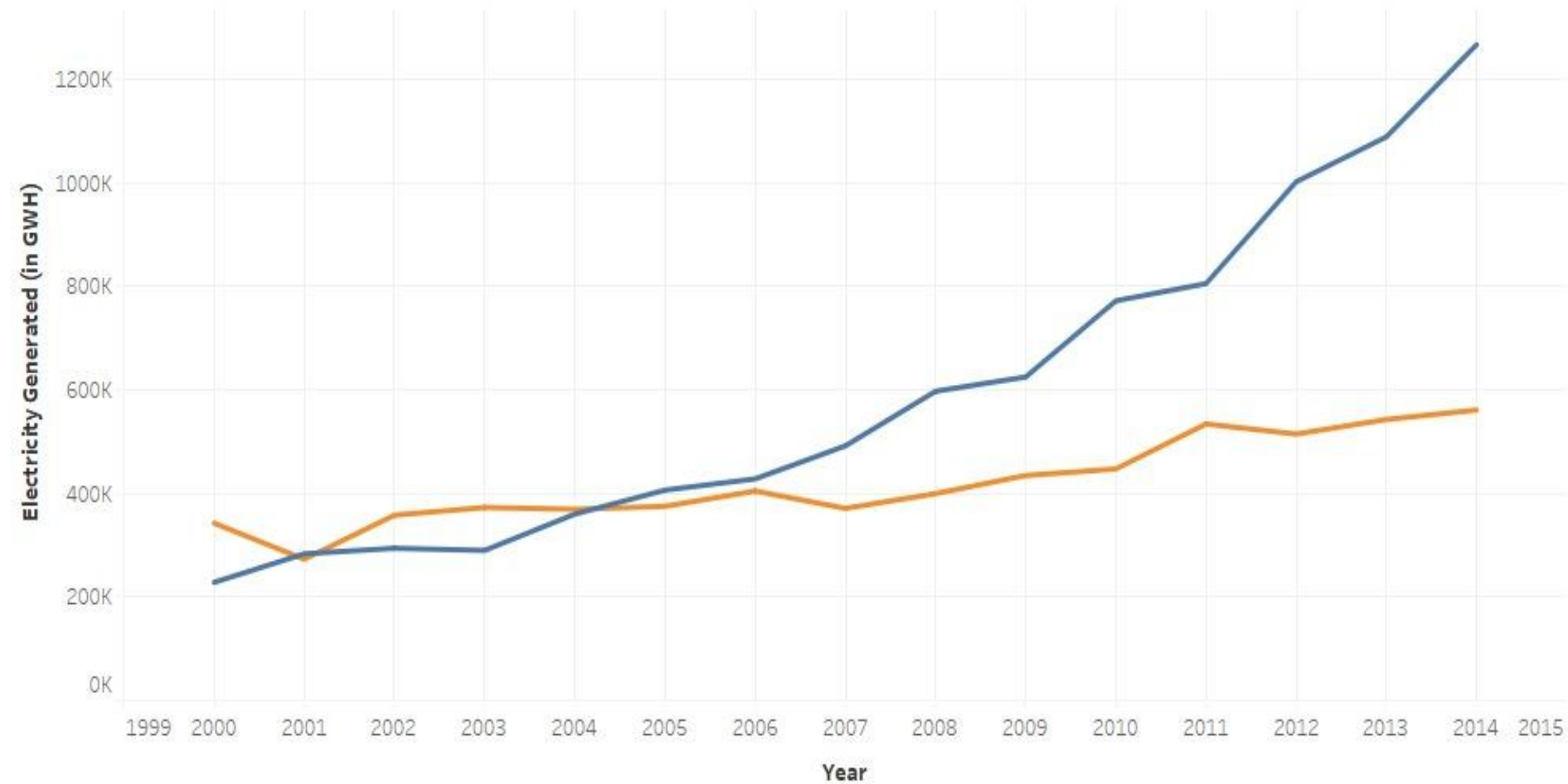
Country

China

USA

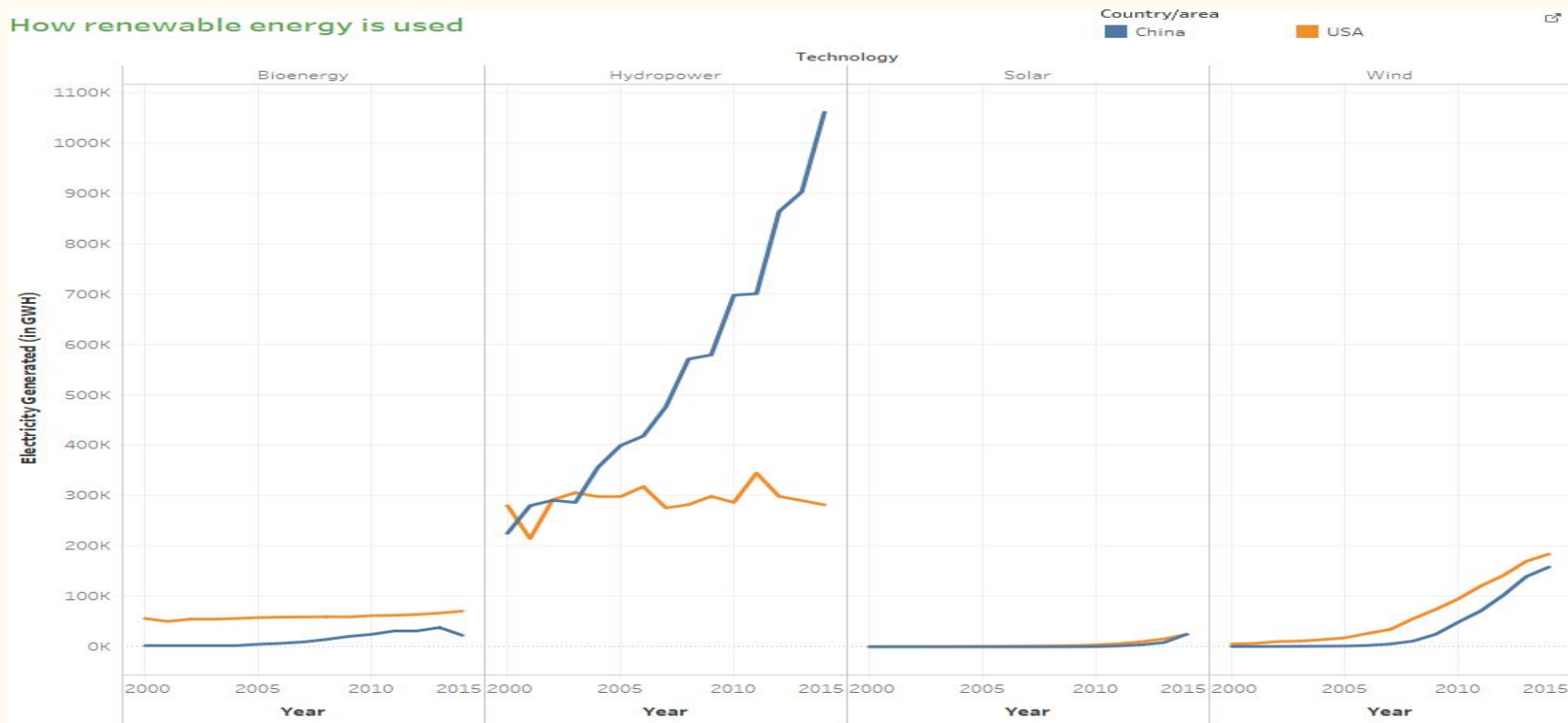


Renewable energy generated over year

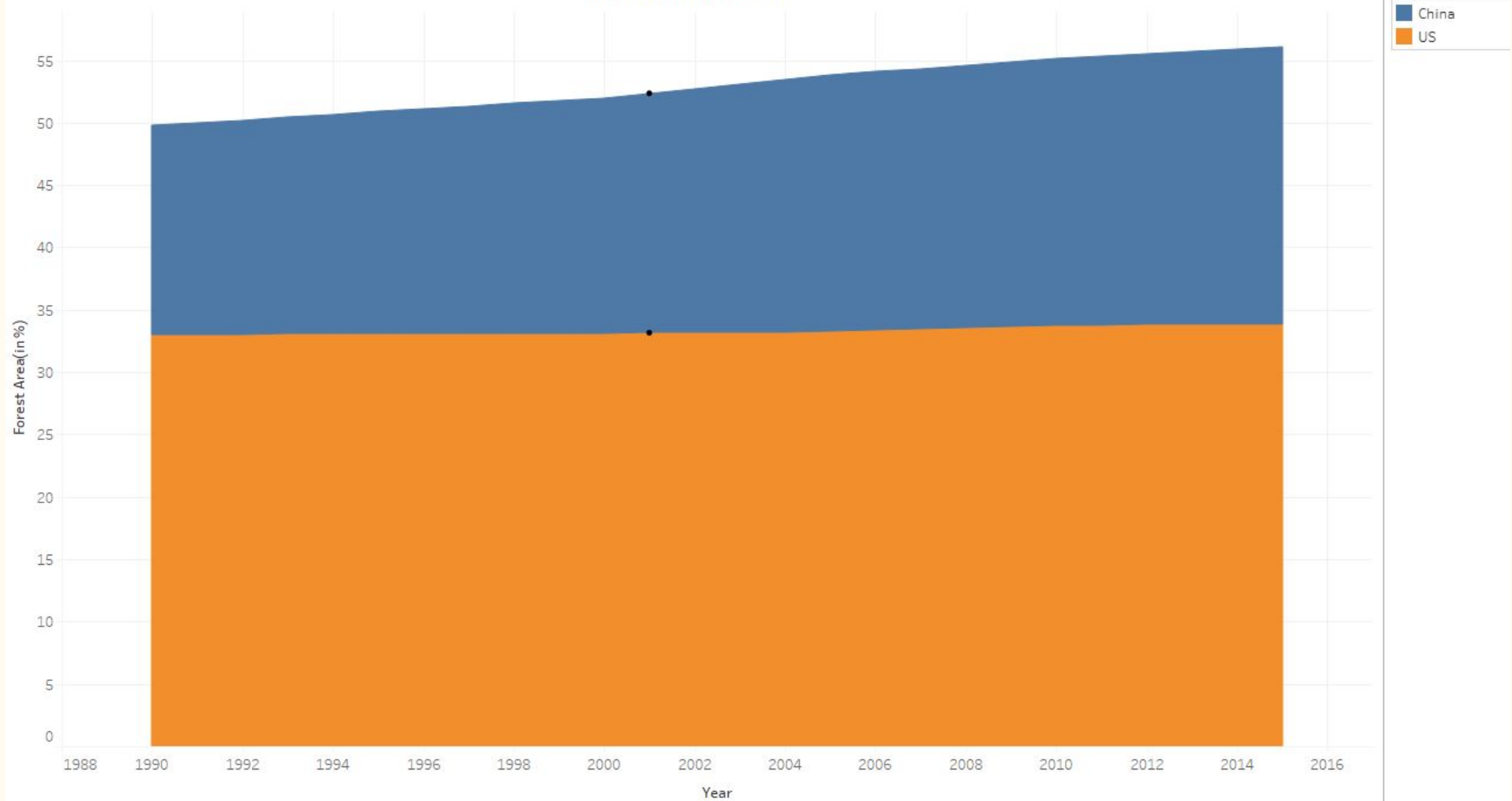


China's increasing contribution in renewable energy

How renewable energy is used



Rise of Forest in China



China Aims to Spend at Least \$360 Billion on Renewable Energy by 2020

COMMODITIES | Sat Feb 4, 2017 | 5:35pm EST

China's solar power capacity more than doubles in 2016



China launches world's largest floating solar farm

You might be familiar with floating wind turbines, but what about floating solar panels?

China is Leaving the US Behind on Clean Energy Investment

January 9, 2017

By Joel Jaeger, Paul Joffe and Ranping Song



China continues to lead global wind energy market, says new report

Anmar Frangoul

Wednesday, 26 Apr 2017 | 7:09 AM ET



Let's revisit our big 5 cities

How safe is China's air



CONCLUSION

Conclusion

- China is the biggest air pollution source in the world
- The fundamental reason for China's pollution is its population
- China has implemented many measures to improve the condition: renewable energy mix increase, strict standard for manufacturing industry, and forest area increase
- In many pollution control aspects, Chinese are showing more efforts than the U.S.

China is NOT the real culprit

Thank you

Disclaimer - This Project is for the Final Project for MSIS2629 :
Dashboards, Scorecards and Visualization at the Santa Clara
University Leavey School of Business



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