

## Project WET Fresno – Follow-up Links and Resources

### USEFUL WEBLINKS (suggested by Project WET participants or instructors)

1. [www.wonderopolis](http://www.wonderopolis.com) : Wonderopolis – Where the Wonders of Learning Never Cease©
2. <https://everykidinapark.gov/>: A Dept of Interior website that provides free passes for fourth grade students at their families for an entire year
3. <http://www.water.ca.gov/turf/>: California’s 2015 Turf Replacement Initiative (\$2 per sq ft!)
4. <http://www.greenschools.net/article.php?id=271>: Green Schools Initiative, Environmental Footprint Calculators
5. <https://www.usanpn.org/cpp/node/8>: California Phenology Project
6. <http://www.esrl.noaa.gov/psd/atmivers/>: National Oceanic and Atmospheric Administration (NOAA) Atmospheric River Information Page
7. <http://www.elnino.noaa.gov/>: NOAA El Niño Portal

### USEFUL APPS

1. <https://itunes.apple.com/us/app/cocorahs-observer/id827714558?mt=8> : CoCoRaHS app for iPhone
2. <https://play.google.com/store/apps/details?id=com.appcay.cocorahs> : CoCoRaHS app for Android
3. <https://itunes.apple.com/us/app/river-watcher/id509594468?mt=8>: River Watcher app
4. <https://itunes.apple.com/us/app/river-data/id552825440?mt=8>: River Data app

### A few recent articles that are relevant to our class discussions:

#### [U.S.-China Joint Presidential Statement on Climate Change](#)

[The White House – September 25, 2015]

#### [A Greenhouse Gas Surprise](#) [Scientific American – September 15, 2015]

*(“China and the U.S. send much more carbon dioxide into the atmosphere than other countries. Yet on a per person basis, Qatar, Trinidad and Tobago, and Kuwait have the highest rates in the world, according to researchers at the World Resources Institute”)*

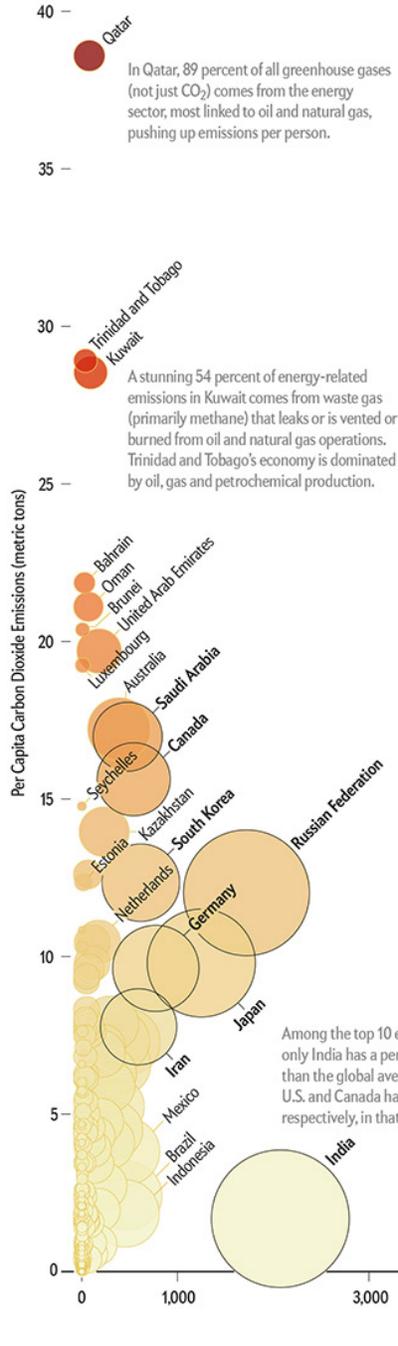
#### [Exxon confirmed global warming consensus in 1982 with in-house climate models](#)

[Inside Climate News – September 22, 2015] *(“The report, which circulated within the company through the early 1980’s, reflected Exxon’s growing need to understand when the climate implications of increased CO2 emissions would begin to spur policy changes”)*

#### [Ocean Acidification](#) [National Geographic]

# A Greenhouse Gas Surprise

Per capita, the world's greatest carbon emitters are small countries



**China and the U.S.** send much more carbon dioxide into the atmosphere than other countries (*right to left, below*). Yet on a per person basis, Qatar, Trinidad and Tobago, and Kuwait have the highest rates in the world (*top to bottom*), according to researchers at the World Resources Institute; the main reason is that oil and natural gas production—big sources of greenhouse gases—dominate those national economies. The U.S. has a high per capita rate, too, however, suggesting that if Americans work hard to reduce their carbon footprint the world would have a better chance to avoid dangerous global warming. That said, several of the 10 nations with the greatest emissions are developing countries, and if their outputs rise as their standards of living do, which is likely, the world will face a larger challenge. Indeed, the top 10 nations (*black outlines*) produce more CO<sub>2</sub> than all other countries, so they would have to commit to lower emissions if meaningful international agreements are to be reached at the United Nations climate negotiations in Paris in November. —Mark Fischetti