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# Climate & Health News

Monthly Newsletter of the JHU-UPF Public Policy Center Climate Change Working Group



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## Vol 1 Issue 6 June 2016

*Science and news  
organized by major  
category:*

AIR POLLUTION

HEAT

FLOODING

VECTORS

## Events

**July 6-8 2016.** [Resilient Cities 2016, ICLEI – Bonn](#)

**Nov 30-Dec 2, 2016.**  
[C40 Mayors Summit, C40 – Mexico City](#)

## Month in Brief

Urban air pollution made headlines this month, underlined by an updated [WHO database](#) indicating alarming increases, especially in carcinogenic fine particulate matter (PM2.5). Outdoor air pollution is the world's biggest single killer, and cities are hugely implicated. Worst offenders range across the globe, though cities with the worst air draw mainly from the Middle East, Southeast Asia and the Western Pacific. India tops the list of countries with the greatest number of cities suffering from urban air pollution.

On the bright side, a strategy to address this issue includes reducing use of hydrocarbons in order to reduce greenhouse gas emissions, which thus leads to lower PM2.5 levels. This strategy has saved lives, offering "co-benefits" for health, and remains a major climate and health issue for cities.

In other news, a key policy report was newly released by this month the [US government's Climate and Health Assessment](#). Based on the latest science, the report addresses vulnerability. As it is highly accessible, it can serve as a great learning and teaching tool.

Finally, in new science, heat continues to take the stage as a principle climate problem. However, studies have also pinpointed flooding and its previously un-explored impacts, including hepatitis A and dysentery.

Please visit the Working Group website with a separate [page](#) and [blog](#) for more on our Climate-Healthy Cities project, and feel free to share any resources.

## News\*

### AIR POLLUTION

[World cities: WHO sounds alarm](#)

[Mexico City: car ban](#)  
[HEAT](#)  
[India: fires banned](#)  
[Greenland: ice melting a month early](#)  
[India: drought and suicide](#)  
[Canada: Alberta wildfire](#)

### FLOODING

[Houston: flooding](#)  
[England: coastal erosion](#)

### VECTORS

[Puerto Rico: Zika and baseball](#)  
[US: Mosquito season](#)  
[Rio: Zika and the Olympics](#)

*\*Source: Selected from "The Daily Climate" News Roundup; click underlined link to go to news article.*

**\*Useful Tool\*: Student Training Manual on Climate and Health**

## Reports: New Policy Analysis

[High and Dry: Climate Change, Water and the Economy \(World Bank\)](#)\_ EXTREME TEMPERATURE

[Climate and Health Assessment, United States \(USGCRP\)](#)\_NORTH AMERICA

[EPA branding climate change as a health issue](#) NORTH AMERICA

[Act Now or Pay Later: Protecting a Billion People in Climate-Threatened Coastal Cities \(UK Christian Aid\)](#)\_FLOODING

[Global Environmental Outlook \(GEO-6\): Regional Assessment \(UNEP\)](#)\_ UNITED NATIONS ENVIRONMENT PROGRAMME REPORT

## Science\*

[Short-term effects of floods on Japanese encephalitis in Nanchong, China, 2007-2012: A time-stratified case-crossover study](#)\_ FLOODING, CHINA

[Quantifying the Impact of Floods on Bacillary Dysentery in Dalian City, China, From 2004 to 2010](#) FLOODING, CHINA

[Projections of hepatitis A virus infection associated with flood events by 2020 and 2030 in Anhui Province, China](#) FLOODING, CHINA

[Spatiotemporal trends in ground-level ozone concentrations and metrics in France over the time period 1999-2012](#) AIR POLLUTION, FRANCE

[Projected increases in temperature with climate change may have localized health impacts, suggesting that preventative measures will need to be region-specific](#) HEAT, USA

[The influence of temperature on mortality and its Lag effect: a study in four Chinese cities with different latitudes](#) HEAT, CHINA

[Impacts of temperature change on ambulance dispatches and seasonal effect modification](#)\_ HEAT, CHINA

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Past Issues

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[Projected heat-related mortality under climate change in the metropolitan area of Skopje](#) HEAT, MACEDONIA

[Urban climate versus global climate change-what makes the difference for dengue?](#) VECTORS

*\*Source: New entries in PubMed; click on underlined link to go to journal article abstract. Those with asterisk (\*) published in the International Journal of Health Services Special Section on Climate Change and Health.*



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Climate & Health News Editor: Mary Sheehan ([msh10@jhu.edu](mailto:msh10@jhu.edu)); Managing Editor: Colleen Boland ([cboland4@jhu.edu](mailto:cboland4@jhu.edu)). Website Manager: Ana Ladrón Ramos ([anna.ladron@upf.edu](mailto:anna.ladron@upf.edu)).