

Climate & Health News

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

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Welcome to Climate & Health News!

*Climate change and health is a fast-emerging and changing field. And every day, cities are demonstrating new ways of leading, both in adapting to climate challenges to public health and health services and showing the way on mitigation of greenhouse gases. Our goal is to share the latest **science, news, and events**, at the outset among the members of our Group, and eventually more broadly as we gain partners.*

*For this purpose we have also launched a **website** for the Working Group with a separate page and blog for our Climate-Healthy Cities project that you can access [here](#), where we will also be sharing best-practice tools and resources for cities.*

*This first edition of the newsletter and website link are being sent to you in prototype test mode. **Please help us improve them by sending comments by the end of January.** Then continue being part of the dialogue! Send us your comments, news stories, links to useful resources, and blog posts.*

Thank you, gràcies, gracias, merci,

Mary, Colleen & Anna

Science and news
organized by major
category:

HEAT
AIR
STORMS
VECTORS
WATER
CITIES
VULNERABILITY
ADAPTATION
CO-BENEFITS

New climate and health science¹



Public health adaptation to climate change in large cities: a global baseline. * Climate change will have health risks from climate change in cities are compounded by rapid urbanization, high population density,.. Local governments are positioned to protect populations from climate health risks, but it is unclear whether municipalities are producing climate-adaptive policies... **CITIES, ADAPTATION**



National climate policies across Europe and their impact on city strategies. Globally, efforts are underway to reduce anthropogenic greenhouse gas emissions and to adapt to climate change impacts at the local level. However, there is a poor understanding of the relationship between city strategies on climate change mitigation and adaptation and the relevant policies at the national and European level. This paper describes a comparative study and evaluation of cross-national policy... **CITIES, ADAPTATION**

¹ Source: New entries in PubMed during December 2015; 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.



Burning fossil fuels: impacts of climate change on health. * A recent, sophisticated granular analysis of climate change in the United States related to burning fossil fuels indicates a high likelihood of dramatic increases in temperature, wet-bulb temperature, and precipitation, which will dramatically impact the health and well-being of many Americans, particularly the young, the elderly, and the poor and marginalized... **HEAT, VULNERABILITY**



Extreme weather-driven disasters and child health. * Extreme weather events such as heat waves, extreme precipitation, and storm surges are likely to become more frequent and intense with climate change. Extreme weather-driven disasters (EWDDs) cause a substantial burden of childhood mortality and morbidity worldwide. We reviewed the published literature on EWDDs and their health impacts on children... **STORMS, ADAPTATION**



How can urban policies improve air quality and mitigate global climate change: a systematic mapping review. Tracking climate change at the global level is central to a growing field of scientific research on topics such as environmental health, disease burden, and its resulting economic impacts. At the local level, cities constitute an important hub of atmospheric pollution due to the large amount of pollutants that they emit. As the world population shifts to urban centers cities will increasingly concentrate... **CITIES, AIR, ADAPTATION**



Challenges and opportunities for advancing work on climate change and public health. Climate change poses a major threat to public health. Strategies that address climate change have considerable potential to benefit health and decrease health inequities, yet public health engagement at the intersection of public health, equity, and climate change has been limited. This research seeks to understand the barriers to and opportunities for advancing work... **ADAPTATION**

Recent climate and health news²

2015 was the hottest year on record. **HEAT**

“We have one generation to save our cities.” **CITIES, ADAPTATION**

Drivers may pay for climate change. **AIR, CITIES, ADAPTATION, CO-BENEFITS**

Beijing air pollution. **AIR, CITIES**

US wildfires set record in 2015. **AIR**

Delhi’s air pollution and cars. **AIR, CITIES**

Zika virus crisis in Brazil. **VECTORS**

As diseases proliferate, mosquitoes are enemy number 1. **VECTORS**

Claims for disasters rise in 2015. **STORMS**

Cereal harvests fall globally by 10% over 50 years. **HEAT**

Climate change is affecting electric power production. **HEAT, ADAPTATION**

Household air pollution and climate change. **AIR, CO-BENEFITS**

² Source: Selected from “The Daily Climate” News Roundup; click underlined link to go to news article.

Global power output likely affected by climate. **HEAT, ADAPTATION**

Montreal is reducing its carbon footprint. **CITIES**

China's air pollution. **AIR, CO-BENEFITS**

Record flooding in the UK. **STORMS**

Links to recent and upcoming events

Oct. 2, 2015. Climate and Health Summit, JHSPH – Baltimore.

Nov. 30-Dec. 12, 2015. COP 21 Meeting, UNCCC – Paris.

Dec. 16, 2015. Climate Change: Health and Disease Threats, Harvard – Boston.

Jan. 21, 2016. Centennial Scholars Series: The Paris Agreement and Climate Change: What Does Public Health Have to Do With It?, JHSPH – Baltimore.

Mar 15-16, 2016. The Sustainability Summit, The Economist – London

May 5-6, 2016. Climate Action 2016, UNFCCC – Washington DC.

May 10-13, 2016. Adaptation Futures 2016: Practices and Solutions, PROVIA – Rotterdam

July 6-8 2016. Resilient Cities 2016, ICLEI – Bonn

Nov 30-Dec 2, 2016. C40 Mayors Summit, C40 – Mexico City

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