



Climate Changes Health: An Overview

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Central Challenge: Create the **Healthiest Nation** in **One Generation**

OUR MISSION

For what purpose does APHA exist?

- Improve the health of the public and achieve equity in health status

OUR UNIQUE VALUE

What unique role does APHA play in meeting this mission?

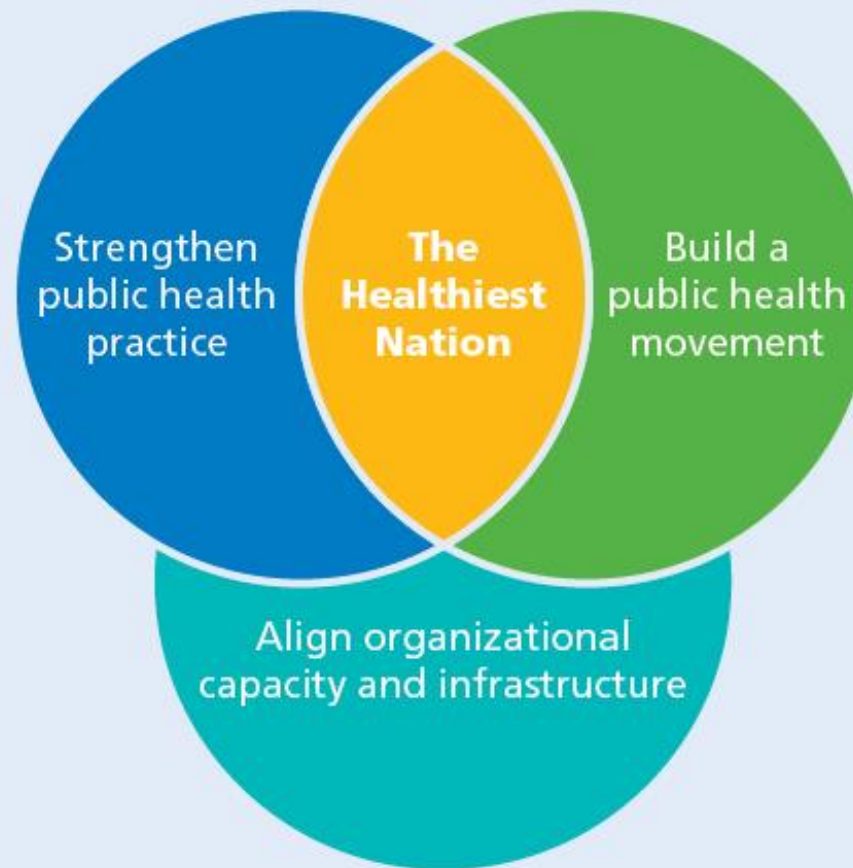
- Community of public health professionals and collective voice advocating for the public's health
- History and broad constituency give us unique perspective

OUR GUIDING PRIORITIES

What must be accomplished for APHA to achieve its mission?

- Building public health infrastructure and capacity
- Creating health equity
- Ensuring the right to health and health care

APHA Strategic Map







Climate Changes Health: Air Quality

CLIMATE CHANGE DECREASES THE QUALITY OF THE
AIR WE BREATHE



EXPOSURES

-  Ambient air pollutants
-  Pollen
-  Wildfire smoke
-  Mold



THREATS TO HEALTH

-  Asthma
-  Allergies
-  Heart diseases

Climate Changes Health: Extreme Heat

**EXTREME
HEAT**
CAN IMPACT
OUR HEALTH
IN MANY WAYS



EXPOSURES

- 🔥 Longer and hotter warm season
- 🔥 Heat waves



THREATS TO HEALTH

- 🔥 Heat-related illness
- 🔥 Respiratory and heart diseases
- 🔥 Death

EXTREME RAINFALL AND DROUGHT

EXPOSURES

- Severe storms
- Flooding
- Wildfires
- Mold



THREATS TO HEALTH

- Injuries
- Asthma
- Heart disease

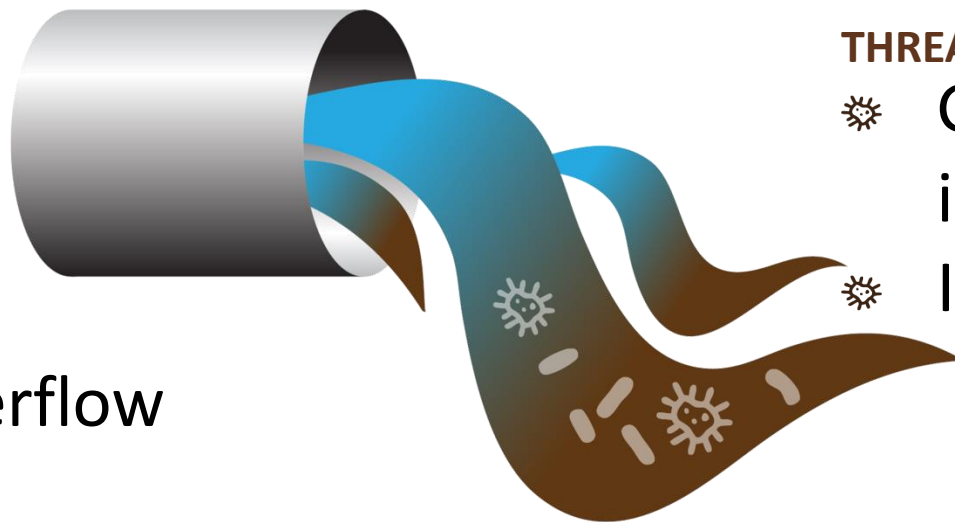
Climate Changes Health: Flooding

WARMER WATER AND FLOODING

INCREASE THE RISK OF ILLNESS AND INJURY

EXPOSURES

- ☼ Severe storms
- ☼ Flooding
- ☼ Stormwater overflow



THREATS TO HEALTH







- ☼ Gastrointestinal illness
- ☼ Injury

Climate Changes Health: Vectorborne Disease

CLIMATE CHANGE INCREASES THE NUMBER AND GEOGRAPHIC RANGE OF DISEASE-CARRYING **INSECTS AND TICKS**






EXPOSURES

-  Increased vectors
-  Warmer weather
-  Expanded territory
-  Shorter winters
-  Standing water
-  Deforestation



THREATS TO HEALTH

-  Lyme disease
-  West Nile virus
-  Zika virus

Climate Change Resources

Fact Sheets

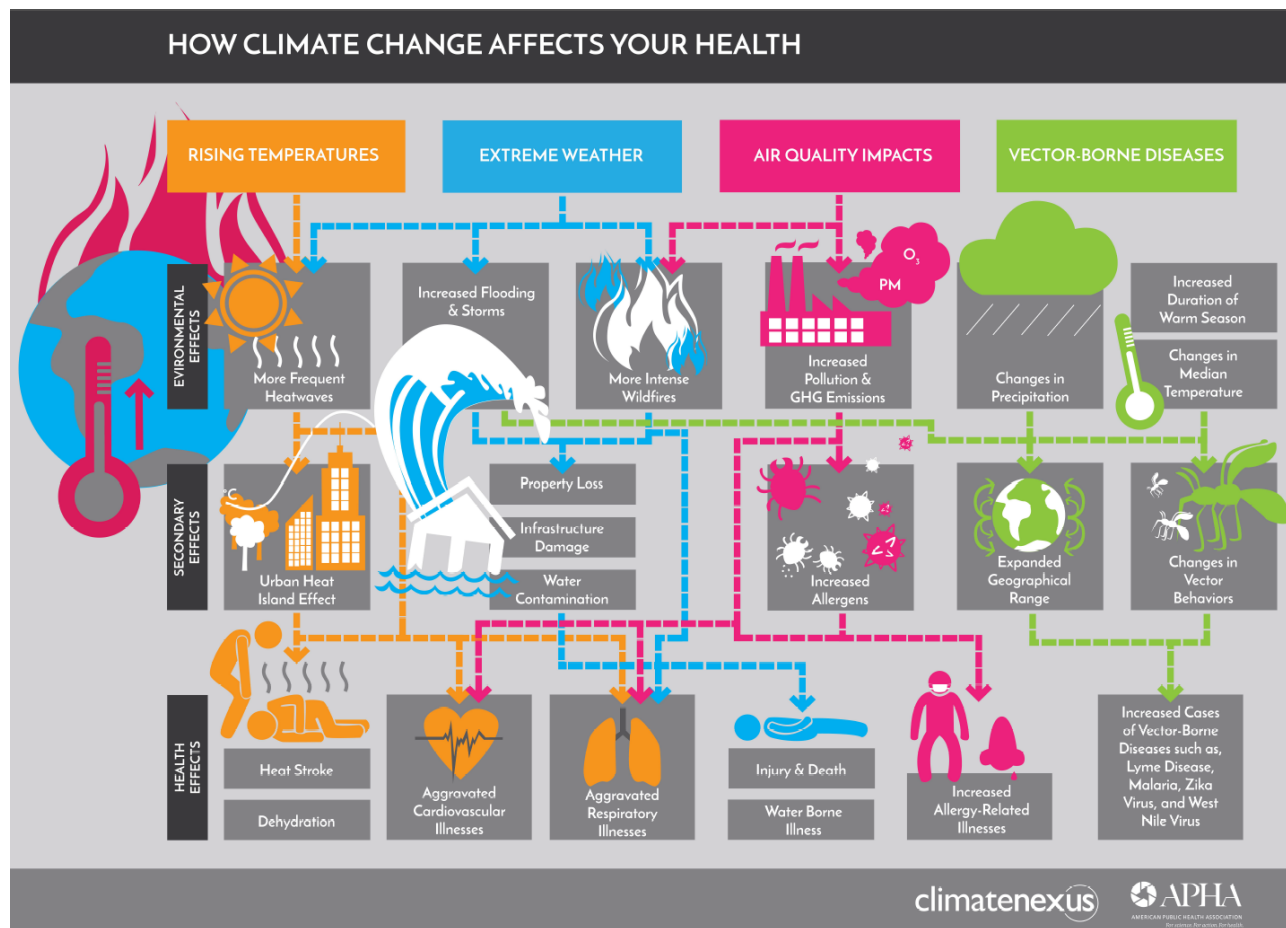


Climate Changes Health:

Tools to Communicate the Problem

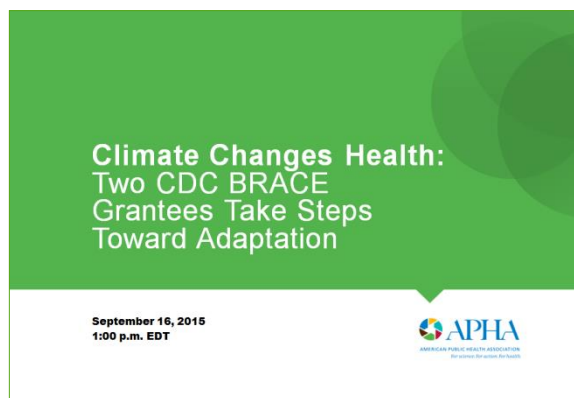
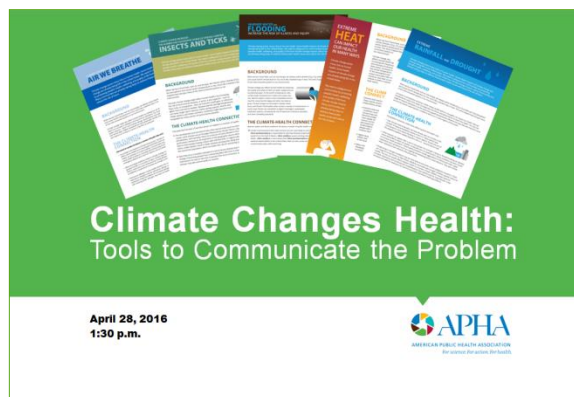
Climate Change Resources

Infographics



Climate Change Resources

Webinars



- *Climate Changes Health: Community Design and Transportation (2017)*
- *Climate Changes Health: Clean Energy Changes Climate (2017)*
- *Climate Justice Changes Health: Local, Tribal, Global and Generational (2017)*
- *Making the Connection: Climate Changes Health, 4-part series (2016)*
- *Climate Changes Health: Tools to Communicate the Problem (2016)*
- APHA's Get Ready Google Hangout on extreme heat and vector-borne disease (2015)
- *Climate Changes Health: Two CDC BRACE Grantees Take Steps Toward Adaptation (2015)*
- *Beating the Heat Preparing for Extreme Heat Events at the State and Local Level (2013)*
- *When Every Drop Counts, 4-part series (2012)*
- *Climate Change (2011)*
- *Mastering the Public Health Role, 2-part series (2010)*

Climate Change Partnerships

Year of Climate Change and Health



Visit www.apha.org/climate to learn more about how you can become a partner.

GOALS:

1. **Raise awareness** by educating members that climate change is a public health issue and not just an EH or environmental issue.
2. **Mobilize leaders** that are interested in climate change but have not started to take action

MONTHLY THEMES:

January	Kick Off
February	Climate Justice & Health
March	Clean Energy
April	Transportation & Healthy Community Design
May	Air Quality, Lung and Heart Health
June	Mental Health
July	Agriculture and Food Safety & Security
August	Water Quality
September	Extreme Weather
October	Vulnerable Populations, Focus on Children
November	Tribal and Indigenous Health
December	Co-Benefits

Keep the conversation going on social media using [#ClimateChangesHealth](https://twitter.com/ClimateChangesHealth) and follow [@PublicHealth](https://twitter.com/PublicHealth) and [@EH_4_All](https://twitter.com/EH_4_All)
Questions? environment@apha.org

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Thank you!



Questions

ABOUT APHA

The American Public Health Association champions the health of all people and all communities. We strengthen the profession of public health, promote best practices and share the latest public health research and information. We are the only organization that influences federal policy, has a 140-plus year perspective and brings together members from all fields of public health. Learn more at www.apha.org



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