



## U.S. Global Change Research Program

### Interagency Crosscutting Group on Climate Change and Human Health (CCHHG)

#### Who we are

The Interagency Crosscutting Group on Climate Change and Human Health (CCHHG) coordinates, implements, evaluates, and communicates federal research and scientific activities related to the human health impacts of global climate change. It is chartered by the U.S. Global Change Research Program (USGCRP), which coordinates the global change research and scientific activities of 13 federal agencies. The CCHHG is co-chaired by the National Institute of Environmental Health Sciences (NIEHS), the Centers for Disease Control and Prevention (CDC), and the National Oceanic and Atmospheric Administration (NOAA).



Members of the CCHHG represent 11 different federal agencies, with expertise spanning the continuum from basic health sciences to public health practice. The work group is guided by a One Health approach that recognizes the inextricable link between the health of humans, animals, and the environment. Members share information on agency activities, compile and evaluate science on the effects of climate change on health, and develop technical and informational products to empower people to take action in the face of health threats posed by climate change.



#### How we engage

The CCHHG engages a broad spectrum of health stakeholders through workshops, listening sessions, communities of practice, and other information sharing. The CCHHG brings together grantees and stakeholders from various agencies to share research findings and information, as well as inform priorities for future activities. The CCHHG also brings a health perspective to a number of federal and international global change settings and activities.

#### What we do

The CCHHG is actively involved in coordinating and implementing health-related activities to support the USGCRP Strategic Plan, which also aligns with many of the initiatives under the President's Climate Action Plan.

*The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment*, [health2016.globalchange.gov](http://health2016.globalchange.gov)  
The USGCRP Climate and Health Assessment provides a comprehensive, evidence-based, and, where possible, quantitative estimation of observed and projected climate change impacts on human health in the U.S. Drawing from decades of advances in the physical science of climate change, the report strengthens our understanding of the growing risks that a changing climate poses to human health and welfare, and highlights factors that make some individuals and communities particularly vulnerable.

*Metadata Access Tool for Climate and Health (MATCH)*, [match.globalchange.gov](http://match.globalchange.gov)  
MATCH is a publicly accessible online platform for searching and integrating metadata, or standardized contextual information, extracted from more than 9,000 health, environment, and climate science datasets from federal agencies. MATCH enables public health professionals, researchers, and other users to identify and access data that inform climate and health research and adaptation strategies.



*Climate Data Initiative*, [climate.data.gov](http://climate.data.gov)

The Climate Data Initiative integrates the federal government's extensive, freely available, climate-relevant data resources to stimulate innovation and entrepreneurship in support of national climate change preparedness. As part of the initiative, CDC led the development of a health topic area that comprises over 150 curated data sets related to health impacts from climate change to inform future innovative data tools.

*Climate Resilience Toolkit*, [toolkit.climate.gov](http://toolkit.climate.gov)

The U.S. Climate Resilience Toolkit provides scientific tools and information to help people manage climate-related risks and opportunities, and improve their resilience to extreme events. A health section of the toolkit, developed with input from the CCHHG, provides useful information, tools, and case studies to build community and health care facility resilience.



*Climate Change and Children's Health*, [epa.gov/children/presidential-task-force-environmental-health-and-safety-risks-children](http://epa.gov/children/presidential-task-force-environmental-health-and-safety-risks-children)

Children are uniquely vulnerable to the health effects of climate change. Members of the CCHHG are engaged on the President's Task Force on Environmental Health Risks and Safety Risks to Children Subcommittee on Climate Change. The interagency group works to identify the needs of children to inform climate change mitigation, adaptation, and resilience strategies, and to convene a federal community of practice around climate change impacts on children's health.

### *International Efforts*

The CCHHG supports the Intergovernmental Panel on Climate Change (IPCC), both through direct participation of its members as authors and review editors, and by supporting U.S. government participation in the overall IPCC process. The work group also supports the USGCRP and agencies such as the U.S. Department of State and U.S. Agency for International Development by bringing health expertise to negotiations, training and capacity-building activities, and collaborative scientific projects.

Learn more about climate change and health:

The Impacts of Climate Change on Human Health in the United States: [health2016.globalchange.gov](http://health2016.globalchange.gov)

USGCRP Human Health page: [www.globalchange.gov/explore/human-health](http://www.globalchange.gov/explore/human-health)

Third National Climate Assessment: [nca2014.globalchange.gov](http://nca2014.globalchange.gov)

President's Climate Action Plan: [www.whitehouse.gov/climate-change](http://www.whitehouse.gov/climate-change)

