

MN Climate & Health Program: Drafting the MN Climate & Health Profile & the MN Climate Change Vulnerability Assessment

Kristin Raab, MPH, MLA
EOB Meeting
June 18, 2014



MN Climate & Health Program
Environmental Impacts Analysis Unit
625 Robert Street North
Saint Paul, Minnesota 55164



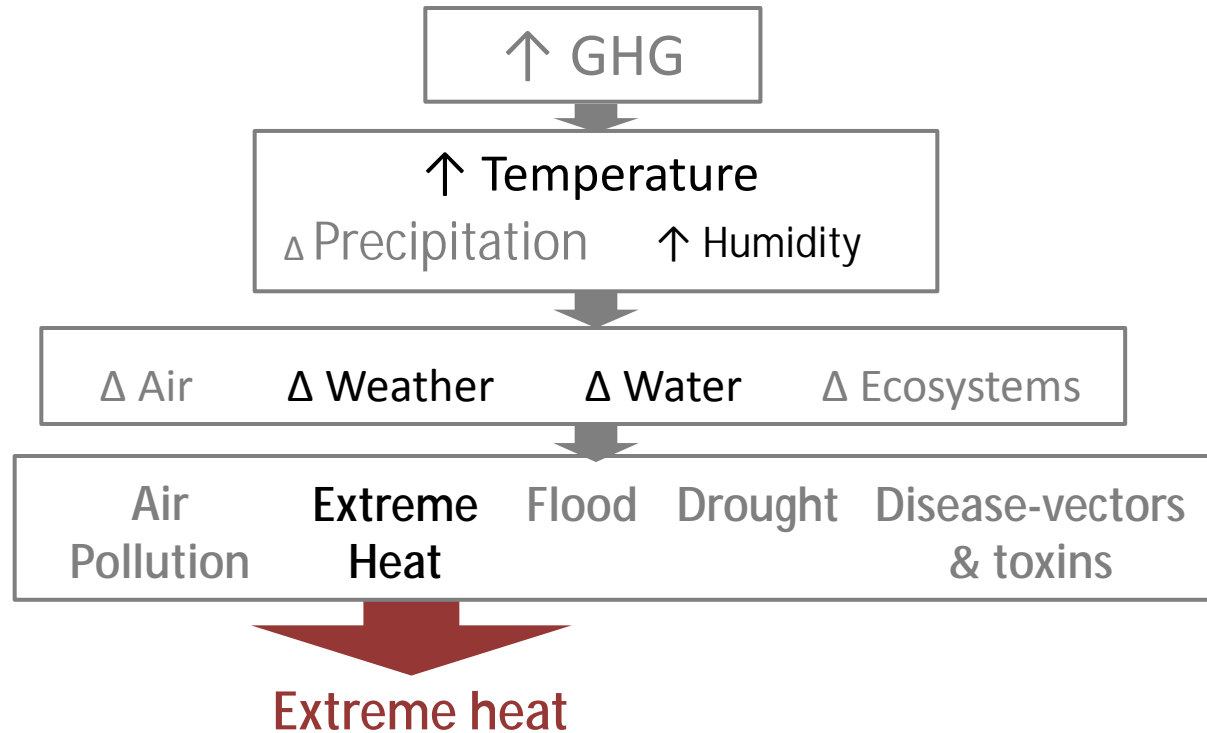
Overview of Reports

1. Provide an extensive review of information and data directly relevant to climate change in MN. Contains:
 - trends and projections
 - subsequent links to human health
2. Prepare a statewide climate change vulnerability assessment for MN to assist local public health departments' planning

Reviewers/Advisors

- Peter Boulay, *MN State Climatology Office*
- Greg Spoden, *MN State Climatology Office*
- Mark Seeley, *University of Minnesota Extension*
- Don Bishop, *MDH, Center for Health Promotion*
- Wendy Brunner, *MDH, Asthma Program*
- Nancy Carlson, *MDH, Office of Emergency Preparedness*
- Bill Groskreutz, *Faribault County/State Community Health Services Advisory Committee*
- Matti Gurney, *Department of Public Safety, Homeland Security and Emergency Management*
- Marilyn Jordahl-Larson, *Minnesota Department of Transportation, Office of Environmental Stewardship*
- Todd Monson, *Hennepin County, Human Services and Public Health Department*
- Paul Moss, *Minnesota Pollution Control Agency, Sustainable Development Program*
- David Neitzel, *MDH, Infectious Disease Epidemiology, Prevention and Control Division*
- Mary Olson Baker, *Minnesota Department of Human Services, Aging and Adult Services*
- Ann Pierce, *Minnesota Department of Natural Resources, Conservation Management and Rare Resources*
- Chuck Stroebel, *MDH, Environmental Public Health Tracking Program*
- Jeff Travis, *Washington County, Department of Public Health and Environment*
- Kitty Hurley, *MDH, Environmental Public Health Tracking Program*
- Margaret McCourtney, *Minnesota Pollution Control Agency, Air Data Analysis*
- Cassie McMahon, *Minnesota Pollution Control Agency, Air Data Analysis*
- Gregory Pratt, *Minnesota Pollution Control Agency, Risk Evaluation & Air Modeling*

MN Climate & Health Profile: Diagram



Direct effects:

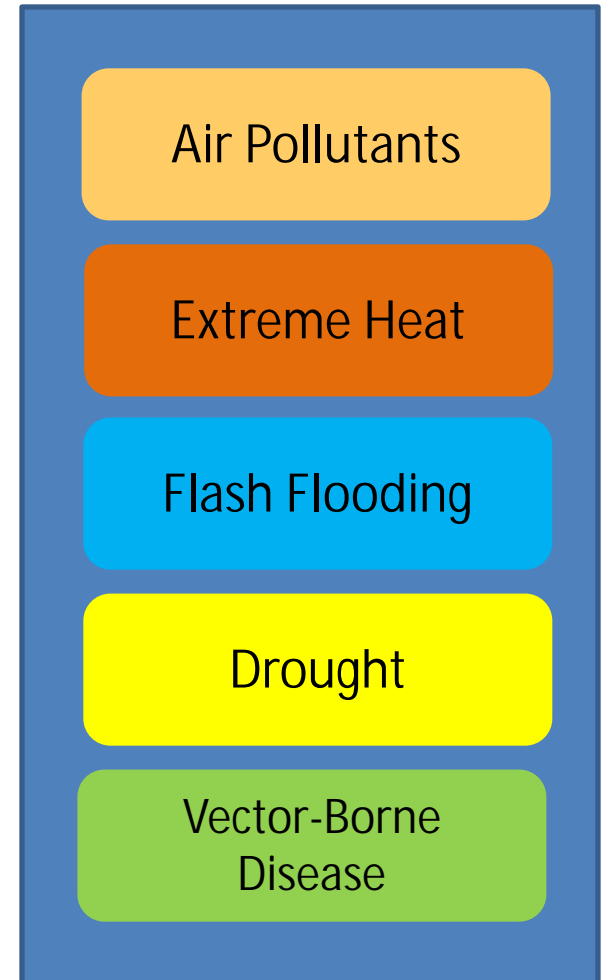
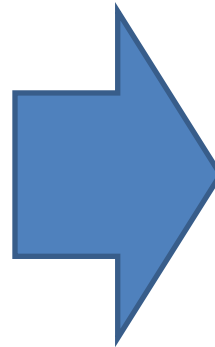
- Heat illnesses & worsening of pre-existing conditions
- Heat-related mortality

Indirect effects:

- Infrastructure failures
- Strain on essential services

Vulnerability Assessment

- Climate Hazards
- Vulnerable Populations
 - Age
 - Health
 - Socio-economics



Next Steps

- Complete vetting of both documents
- Work with local communities to conduct more in-depth, localized analyses of climate vulnerability
 - Looking for greater MN partner (2015)
- Take the “show” on the road

Minnesota Community Health Boards



Minnesota Department of Health
Office of Performance Improvement
651-201-3880 | health.ophp@state.mn.us

