



**National Climate Assessment Health Sector Workshop
Northwest Region
February 23rd and 24th, 2012
Hotel Deca, 4507 Brooklyn Avenue Northeast
Seattle, Washington**

Thursday, February 23rd

8:00 AM Coffee and continental breakfast

8:30 **Welcome** - John Balbus, Senior Advisor for Public Health, National Institute of Environmental Health Sciences, National Institutes of Health; and Juli Trtanj, Director, NOAA Oceans and Human Health Program

8:45 **Brief overview of NCA** - Ralph Cantral, Sectoral Coordinator, NCA

9:15 **State of regional climate, downscaling impacts / scenarios** - Meghan Dalton, Oregon Climate Change Research Institute, PNW Climate Impacts Research Consortium, College of Earth Ocean and Atmospheric Sciences, Oregon State University

10:00 *Break*

10:15 **Panel discussion: A Regional Health Perspective on Climate Change**
Moderator: Phil Rockefeller, Northwest Power and Conservation Council, Former Washington State Senator and chair of the Committee on Environment, Water & Energy

- Gregg Grunenfelder, Deputy Secretary, Washington State Department of Health
- Gail Shibley, Administrator, Environmental Public Health, Oregon Health Authority
- Jim Vannoy, Program Manager, Environmental Health Education and Assessment Program, Idaho Division of Public Health

12:00 PM	Lunch and keynote address – Dr. Howard Frumkin, Dean, School of Public Health, University of Washington
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- 2:00 – 4:45 **Case study presentations: synthesis of current efforts in the Northwest including surveillance gaps and future needs**
- 2:00 *Excess Mortality and Hospitalizations in Washington State due to Heat Events: A Research-to-Practice Model.* Richard Fenske, Professor and Associate Chair, Department of Environmental and Occupational Health Sciences, University of Washington School of Public Health
- 2:25 *Implementation of “Building Resilience Against Climate Effects” (BRACE) framework.* Matthew Davis, Environmental Health Educator, Multnomah County Health Department, Environmental Health Services
- 2:50 *Toxic Harmful Algal Blooms (HABs) in a changing world: a Puget Sound case study.* Stephanie Moore, Research Scientist, University Corporation for Atmospheric Research and NOAA's Northwest Fisheries Science Center
- 3:15 *Break*
- 3:30 *Heat waves in Western Washington and Oregon.* Karin Bumbaco, Office of the Washington State Climatologist
- 3:55 *Cryptococcus gattii: An emerging disease in the Pacific Northwest.* Nicola Marsden-Haug, Zoonotic Disease Epidemiologist, Washington State Department of Health
- 4:30 **Summary and Conclusions**
- 5:00 **Adjourn**
- 5:30 – 7:00 **Reception**

Friday, February 24th

- 8:00 AM Coffee and continental breakfast
- 8:30 **Welcome** - John Balbus, Senior Advisor for Public Health, National Institute of Environmental Health Sciences, National Institutes of Health; and Juli Trtanj, Director, NOAA Oceans and Human Health Program
- 9:00 **Breakout session one:** Regional impacts and vulnerabilities
- 10:15 *Break and compilation of input*
- 10:30 **Breakout session two:** Research needs, gaps, and collaboration
- 11:30 *Break and compilation of input*
- 11:45 **Report outs.** Next steps, summary and moving forward
- 12:30 PM **Adjourn**

Breakout topics and questions:

- What regional impacts are you already seeing?
- What key vulnerabilities have you identified?
- Which vulnerabilities are you worried about for the future?
- What are key health impacts you've identified or already seen?
- What health impacts are you worried about for the future?
- What are the existing indicators or tracking/monitoring programs you have identified?
- Identification of research and monitoring needs
- Collaboration and steps forward