CLIMATE-INFORMED RESILIENCE PLANNING
PUBLIC HEALTH RESOURCES

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Office of Environmental Public Health Sciences, WA Department of Health
Puget Sound Knowledge Exchange, January 26, 2018
Impacts of Climate Change on Human Health in the United States (2016, USGCRP)
health2016.globalchange.gov

• Changes in frequency, severity, duration and location of weather hazards will amplify existing health problems and introduce new ones.
• Health impacts are already being observed, and will grow.
• Every American is vulnerable.
• Some are disproportionately vulnerable.
• Impacts vary for different people, different communities and locations, by different degrees.
Washington’s Integrated Climate Response Strategy

Health:
- Protect most vulnerable populations
- Enhance systems for early detection & response
- Put adaptation in health departments’ strategic plans
- Engage & motivate citizens / partners to take action
- Grow capacity to safeguard human health
Protect vulnerable people & optimize health benefits

• I.D. vulnerable communities; provide assessment & tools
• Work with local health, planning, transportation and other local agencies:
  o Publicize shelters & response to heat, flood, extreme events
  o ↑ Transportation options and evacuation routes
  o ↑ Healthy built environments
  o Prevent new critical infrastructure in high risk areas
Washington Tracking Network (www.doh.wa.gov/WTN)

Topic Area: Social Vulnerability to Hazards Index
Support Drinking Water Systems in Addressing Weather and Climate Sensitive Risks
Resources for Drinking Water System Resilience

Efficiency
• Increase metering
• Address system leakage

Infrastructure Investments & Emergencies
• **New Training**: Tools for funding future infrastructure projects (DOH DWSRF)
• Drinking Water State Revolving Fund (DWSRF) low interest loans. Category for resilience projects.
• Rural Community Assistance Corp. Loan Program
• USDA Rural Development: Emergency Community Water Assistance Grants

Regional Networks & Forums
• Cascadewater.org
• WaterPAK – Water Purveyors of Kitsap
Protect Health During Wildfire Smoke Events

Washington Smoke Information

- Tacoma L St
- Walla Walla 12th St
- Coulee E 1st St
- Spokane-Augusta Ave (SO)
- Yakima-4th Ave
- Wrinchowl-Fifth St
- Winthrop-Chevach Rd
- Aberdeen-Cinnamon St
- Vancouver NE 8th Ave

http://wasmoke.blogspot.com/

WEDNESDAY, SEPTEMBER 6, 2017

Forecast: smoky with a chance of ashfalls

Smoke From Wildfires - Toolkit

Inhaling wildfire smoke is not good for anyone, even healthy people.

Specific information for people who are especially sensitive to smoke:

Information For:

- Everyone (including people who are especially sensitive)
  - Smoke blog - [English](#) or [Spanish](#)
  - Smoke from fires website - [English](#) / [Spanish](#)
  - WADIA recommendations - [English](#) or [Spanish](#)
  - Face mask fact sheet - [English](#) / [Spanish](#)
  - Fact sheet - everyone [PDF](#)

Information For:

People Who Are Especially Sensitive To Smoke

Babies & Children (under 18)

- During a fire fact sheet [PDF](#)
- After a fire fact sheet [PDF](#)
- Fact sheet - babies & children [PDF](#)

Pregnant Women

- Fact sheet - pregnant women [PDF](#)

People who are 65+
Enhance systems for early detection & swift response to climate-sensitive risks

- Maintain, improve and increase efficiency of surveillance of climate sensitive risks & disease
- Enhance electronic lab reporting & response
- Develop early warning systems