Rogue Basin Wildfire and Drinking Water Workshop Resource List

Emergency Services

Jackson County Emergency Services - Fire Hazards: https://jacksoncountyor.org/emergency/Hazards/Fire

Post Wildfire Flood Playbook for Emergency Preparedness: https://silverjackets.nfrmp.us/State-Teams/Oregon

Emergency Management Contacts (local and county Offices of Emergency Management or OEMs): https://www.oregon.gov/oem/Documents/locals list.pdf

OHA-Drinking Water Services Wildfire Preparedness:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PREPAREDNESS/Pages/emergency.aspx#wildfires

Research/Watershed Management Articles

EPA Wildland Fire Research Template (2019-2022)

https://www.epa.gov/sites/production/files/2019-04/documents/wildland fire research framework final-tagged.pdf

EPA Wildfire Tools and Resources: https://www.epa.gov/research-states/epa-tools-and-resources-webinar-series

Water Research Foundation: https://www.waterrf.org/search?topic=Wildfires

EPA Smoke Sense Research: https://www.epa.gov/air-research/smoke-sense-data-visualization-tool
EPA Wildland Fire Community Engagement and Data Visualization Webinar: https://youtu.be/JKdgC-zeBYc

USGS Article "Hydrologic and Erosion Responses of Burned Watersheds": <a href="https://www.usgs.gov/mission-areas/water-resources/science/hydrologic-and-erosion-responses-burned-watersheds?qt-science_center_objects=0#qt-science_center_objects

Contaminants and Impacts

Water Online article on Wildfires and Harmful Algae Blooms: https://www.wateronline.com/doc/western-wildfires-likely-to-cause-toxic-algal-blooms-0001

Science News article on Plastic Water Pipes and Wildfire Impacts: https://www.sciencenews.org/article/plastic-drinking-water-pipes-high-heat-wildfire-hazardous-chemicals

Fire Retardant Cleanup Post Fires: https://www.oregon.gov/deq/wildfires/Documents/FireChemlCUpWQ.pdf

EPA Harmful Algae Bloom (HABs) Information: https://www.epa.gov/cyanohabs OHA HABs Information:

https://www.oregon.gov/oha/PH/HealthyEnvironments/DrinkingWater/Operations/Treatment/Pages/algae.aspx

DEQ Rogue Basin Toxics Summary (12/20): https://www.oregon.gov/deq/wq/Documents/wqtoxicsRogueReportF.pdf and podcast: https://www.ijpr.org/podcast/the-jefferson-exchange

Additional contaminants and impacts info:

* Watch for Oregon DEQ harmful algae bloom mapping project (to be released in 2021)

* See Presentation "Wildfire Impacts on Water Quality and Treatment" by Amanda Hohner (2019 Rogue Workshop in Central Point)

Testing and Monitoring

VOC sampling quidance for customers impacted by wildfires:

https://www.oregon.gov/oha/ph/HealthyEnvironments/DrinkingWater/Preparedness/Pages/emergency.aspx

VOC sampling guidance for water providers:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PREPAREDNESS/Documents/post-wildfire-VOC-sampling-guidance.pdf

OHA Post-fire Source Water Monitoring Guidance:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PREPAREDNESS/Documents/post-fire-source-monitoring.pdf

Information for domestic well owners impacted by fires:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/SOURCEWATER/DOMESTICWELLSAFE TY/Pages/Testing-Regulations.aspx

Wildfire-Impacted Domestic Well Testing (info from OHA)

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/SOURCEWATER/DOMESTICWELLSAFE TY/Pages/Wildfire-Impacted-Domestic-Well-Testing.aspx

Funding

OHA Source Water Protection Grants and Loans:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/SRF/Pages/spf.aspx

Oregon DEQ Drinking Water Protection Funding Info (variety of sources and links provided): https://www.oregon.gov/deq/wq/programs/Pages/DWP-Funding.aspx

Drinking Water Providers Partnership (projects with a federal nexus that benefit both fish and drinking water in drinking water source areas): https://workingwatersgeos.org/drinking-water-providers-partnership

Business Oregon – Infrastructure Finance Authority – Regional Contacts: http://www.oregon4biz.com/About-Us/Contact-Us/map.php

Technical Assistance and Recovery

Rogue rebuilding effort by multiple organizations (Rogue Valley Rebuilds): https://jacksoncountyor.org/recovery/

Jackson Soil and Water Conservation District (restoration, wildfire recovery, technical assistance to land managers): https://www.jswcd.org/

Rogue River Watershed Council (restoration, education, and community involvement to support and improve Rogue River watershed health and resiliency): https://www.rogueriverwc.org/

Rogue Valley Council of Governments (watershed health; regional strategy development and implementation; technical and educational assistance): http://rvcog.org/what-we-do/natural-resources/

Lomakatsi (forest and watershed restoration projects): https://lomakatsi.org/

For Cities: https://www.orcities.org/resources/reference/wildfire-resources

State of Oregon Wildfire Resources: https://wildfire.oregon.gov/

Oregon DEQ Source Water Protection (maps and GIS layers, assessments, guidance documents, funding information for drinking water protection efforts): https://www.oregon.gov/deq/wq/programs/Pages/dwp.aspx [see https://www.deq.state.or.us/wq/dwp/swrpts.asp for surface water assessment and additional maps]

ETART: https://www.oregon.gov/deq/wildfires/Documents/ETARTwqReportF.pdf
ETART Summary: https://www.oregon.gov/deq/wildfires/Documents/ETART2020oregonWQsum.pdf

US Forest Service – Burned Area Emergency Response (BAER) info: https://www.fs.fed.us/naturalresources/watershed/burnedareas.shtml

State of Oregon Wildfire Recovery site: https://wildfire.oregon.gov/cleanup

Oregon DEQ Wildfire Response (post-fire cleanup, factsheets, air and water quality links): https://www.oregon.gov/deq/wildfires/Pages/default.aspx