

Data Sources



PDX READY!

Hazard Ready

Clackamas, Columbia, Multnomah, and Washington Counties, Oregon

Earthquake

Bauer, J.M., Burns, W.J., Madin, I.P., 2018, Open-File Report O-18-02, Earthquake regional impact analysis for Clackamas, Multnomah, and Washington counties, Oregon, Oregon Department of Geology and Mining Industries: <https://www.oregongeology.org/pubs/ofr/p-O-18-02.htm>, accessed: June 17, 2019.

Madin, I.P. and Burns, W.J., 2013, Open-File Report O-13-06, Ground motion, ground deformation, tsunami inundation, coseismic subsidence, and damage potential maps for the 2012 Oregon Resilience Plan for Cascadia Subduction Zone Earthquakes, Oregon Department of Geology and Mining Industries: <https://www.oregongeology.org/pubs/ofr/p-O-13-06.htm>, accessed: June 17, 2019.

Volcano

Schilling, S.P., Doelger, S., Scott, W.E., Pierson, T.C., Costa, J.E., Gardner, C.A., Vallance, J.W., Major, J.J., 2008, Digital Data for Volcano Hazards of the Mount Hood Region, Oregon, U.S. Geological Survey: <https://pubs.usgs.gov/of/2007/1222/data.html>, accessed: June 17, 2019.

Schilling, S.P., Doelger, S., D.R. Sherrod, L.G. Mastin, and W.E. Scott, 2008, Digital Data for Volcano Hazards at Newberry Volcano, Oregon, U.S. Geological Survey: <https://pubs.usgs.gov/of/2007/1225/data.html>, accessed: June 17, 2019.

Schilling, S.P., Doelger, S., C.R. Bacon, L.G. Mastin, K.E. Scott, and M. Nathenson, 2008, Digital Data for Volcano Hazards in the Crater Lake Region, Oregon, U.S. Geological Survey: <https://pubs.usgs.gov/of/2007/1223/data.html>, accessed: June 17, 2019.

Schilling, S.P., Doelger, S., Walder, J.S., Gardner, C.A., Conrey, R.M., Fisher, B.J., 2008, Digital Data for Volcano Hazards in the Mount Jefferson Region, Oregon, U.S. Geological Survey: <https://pubs.usgs.gov/of/2007/1224/data.html>, accessed: June 17, 2019.

Schilling, S.P., Doelger, S., Scott, W.E., Iverson, R.M., 2008, Hazard Zones -- Digital Data for Volcano Hazards of the Three Sisters Region, Oregon, U.S. Geological Survey: <https://pubs.usgs.gov/of/2007/1221/data.html>, accessed: June 17, 2019.

Landslide

Burns, W.J., Mickelson, K.A., Madin, I.P., 2016, Open-File Report O-16-02, Landslide Susceptibility Overview Map of Oregon, Oregon Department of Geology and Mining Industries: <https://www.oregongeology.org/pubs/ofr/p-O-16-02.htm>, accessed: June 17, 2019

Flood

DOGAMI, 2015, Oregon Statewide Flood Hazard Database - Other Flood Studies, Oregon Department of Geology and Mining Industries: <https://spatialdata.oregonexplorer.info/geoportal/details?id=584a7d2df65d4751979b23b746d92024>, accessed: June 17, 2019.

Appleby, C.A. and Bauer, J.M., 2018, Special Paper 50, Flood risk assessment for the Columbia Corridor drainage districts in Multnomah County, Oregon, Oregon Department of Geology and Mining Industries: <https://www.oregongeology.org/pubs/sp/p-SP-50.htm>, accessed August 8, 2019.

Wildfire

Gilbertson-Day, J.W., Scott, J.H., Vogler, K.C., Brough, A., 2018, Pacific Northwest Quantitative Wildfire Risk Assessment, U.S. Forest Service and Oregon Department of Forestry: https://tools.oregonexplorer.info/OE_HtmlViewer/index.html?viewer=wildfireplanning, accessed: June 17, 2019.

Clark County, Washington

Earthquake

USGS, 2017, M 9.3 Scenario Earthquake - Cascadia Megathrust - whole CSZ Characteristic largest M branch (MMI Shakemap Data), U.S. Geological Survey: https://earthquake.usgs.gov/scenarios/eventpage/bssc2014cascadia_sub0_m9p34_se/shakemap/intensity, accessed: June 17, 2019.

Palmer, S.P., Magsino, S.L., Bilderback, E.L., Poelstra, J.L., Folger, D.S., Niggemann, R.A., 2004, Open File Report 2004-20 Liquefaction Susceptibility and Site Class Maps of Washington State, Clark County, Washington Department of Natural Resources: ftp://ww4.dnr.wa.gov/geology/pubs/ofr04-20/ofr2004-20_sheet11_clark_liq.pdf, accessed: June 17, 2019.

Volcano

Wolfe, E.W. and Pierson, T.C., 1995, Open-File Report 95-497: Volcanic-hazard zonation for Mount St. Helens, Washington, U.S. Geological Survey: <https://pubs.usgs.gov/of/1996/0178/>, accessed: June 17, 2019.

Landslide

Washington DNR and Merrick & Company, 1975, 1987, 2002, Landslide Hazard Areas: combined from 'Slope Stability of Clark County (1975)', 'Geologic Map of the Vancouver Quadrangle' map (1987)', 'LiDAR acquisition project (2002)', Clark County Geographic Information Services: <https://gis.clark.wa.gov/gishome/metadata/#/layer/333>, accessed: June 17, 2019.

Flood

FEMA, 2012, Final dFIRM Flood Data - Special flood hazard areas, Federal Emergency Management Agency: <https://gis.clark.wa.gov/gishome/metadata/#/layer/1565>, accessed: June 17, 2019.

Wildfire

Gilbertson-Day, J.W., Scott, J.H., Vogler, K.C., Brough, A., 2018, Pacific Northwest Quantitative Wildfire Risk Assessment, U.S. Forest Service: <https://oregonexplorer.info/content/pacific-northwest-quantitative-wildfire-risk-assessment>, accessed: June 17, 2019.

Questions or concerns about the data? Contact:

- Federal Emergency Management Agency (FEMA) - <https://msc.fema.gov/portal/resources/contact> - flood
- Oregon Department of Geology and Mining Industries - dogami-info@oregon.gov - earthquake, landslide, flood
- United States Geological Survey (USGS) - <https://answers.usgs.gov/> - earthquake, volcano
- United States Forest Service and Pyrologix - <http://pyrologix.com/contact/> - wildfire
- Washington Department of Natural Resources (DNR) - geology@dnr.wa.gov - earthquake, landslide