



## Helpful GIS Layers For CWPP Development

Below is a list of GIS layers that may be helpful in your development of a CWPP.

Organization	Topic	Description	Link
<b>Land Ownership</b>			
WA DNR	WA DNR Managed Lands	The Parcel layer consists of parcels that are land areas in which the Department of Natural Resources holds some interest and are located anywhere in the upland area of the State of Washington. <a href="#">Link to full details</a> (https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wa-dnr-managed-land-parcels/about)	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wa-dnr-managed-land-parcels/explore">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wa-dnr-managed-land-parcels/explore</a>
WA DNR	WA DNR Non-DNR Major Public Lands	The NDMPL (Washington State Non-Department of Natural Resources Major Public Lands) data contains ownership parcels for Federal, State (excluding WA DNR), County and City lands within the State of Washington. It also includes Tribal administrative boundaries. <a href="#">Link to full details</a> . (https://data-wadnr.opendata.arcgis.com/datasets/87a1642dbd1d4b42dbd1d4beab9758fc1d87eb17b_1/about)	<a href="https://data-wadnr.opendata.arcgis.com/datasets/87a1642dbd1d4beab9758fc1d87eb17b_1/explore?location=47.241590%2C-120.781850%2C7.32">https://data-wadnr.opendata.arcgis.com/datasets/87a1642dbd1d4beab9758fc1d87eb17b_1/explore?location=47.241590%2C-120.781850%2C7.32</a>
Washington State Geospatial Portal	Tax Parcels Statewide Dataset	Provides a statewide data set of tax parcels attributes that cover those counties that currently have digital tax parcels. <a href="#">Link to full details</a> . (https://geo.wa.gov/datasets/e8f2df3ed92843738f3dd778e92e93fc_0/about)	<a href="https://geo.wa.gov/datasets/e8f2df3ed92843738f3dd778e92e93fc/explore?location=47.505000%2C-121.092423%2C6.24">https://geo.wa.gov/datasets/e8f2df3ed92843738f3dd778e92e93fc/explore?location=47.505000%2C-121.092423%2C6.24</a>



<b>Cadastre</b>			
A register of property showing the extent, value, and ownership of land for taxation.			
WA DNR	Public Land Survey Township and Range	Provides Public Land Survey System (PLSS) township, range, and section boundaries.	<a href="https://data-wadnr.opendata.arcgis.com/search?groupIds=eee2501342024deaaa41a61c48321d42">https://data-wadnr.opendata.arcgis.com/search?groupIds=eee2501342024deaaa41a61c48321d42</a>
WA DNR	Washington County Boundaries	Washington State County Boundaries including Department of Natural Resources (DNR) county codes. <a href="https://data-wadnr.opendata.arcgis.com/dataset/s/wadnr::wa-county-boundaries/about">Link to full details.</a> (https://data-wadnr.opendata.arcgis.com/dataset/s/wadnr::wa-county-boundaries/about)	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wa-county-boundaries/explore?location=47.237452%2C-120.817600%2C7.50">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wa-county-boundaries/explore?location=47.237452%2C-120.817600%2C7.50</a>
<b>Wildland Urban Interface (WUI)</b>			
WA DNR	Wildland Urban Interface	Washington Wildland Urban Interface (WUI) as mapped in 2019 for WUI code enforcement. (This map is not the same as the CWPP WUI map, which can be defined by the community. This map can be referenced in the CWPP, but does not need to be used as the CWPP WUI map.) <a href="https://data-wadnr.opendata.arcgis.com/apps/wadnr::wildland-urban-interface-viewing-app/explore">Link to full details</a> (https://data-wadnr.opendata.arcgis.com/apps/wadnr::wildland-urban-interface-viewing-app/about)	<a href="https://data-wadnr.opendata.arcgis.com/apps/wadnr::wildland-urban-interface-viewing-app/explore">https://data-wadnr.opendata.arcgis.com/apps/wadnr::wildland-urban-interface-viewing-app/explore</a>
USFS	Wildland Urban Interface (2020)	Provides a spatially detailed national assessment of the wildland-urban interface (WUI) and WUI change between 1990 and 2020 across the coterminous U.S. to support wildland fire research, policy and management, and inquiries into the effects of housing growth on the environment. <a href="https://data-usfs.hub.arcgis.com/documents/usfs::wildland-urban-interface-2020-map-service/explore">Link to full details</a> (https://data-usfs.hub.arcgis.com/documents/usfs::wildland-urban-interface-2020-map-service/explore)	<a href="https://data-usfs.hub.arcgis.com/documents/usfs::wildland-urban-interface-2020-map-service/explore">https://data-usfs.hub.arcgis.com/documents/usfs::wildland-urban-interface-2020-map-service/explore</a>

		com/documents/usfs::wildland-urban-interface-2020-map-service/about)	
<b>Fire Protection</b>			
Washington Geoservices	Emergency Response Boundaries	<p>Extracted from the WA E911 system, last updated July 2023</p> <p><a href="#">Link to full details</a>. (https://geo.wa.gov/datasets/wa-geoservices::fire-services/about)</p>	<a href="https://geo.wa.gov/datasets/wa-geoservices::fire-services/explore?location=47.259495%2C-120.825175%2C7.52">https://geo.wa.gov/datasets/wa-geoservices::fire-services/explore?location=47.259495%2C-120.825175%2C7.52</a>
<b>Forest Health</b>			
WA DNR	WA DNR 2020 Forest Action Plan Priority Landscapes	<p>The WA DNR and partners selected priority landscapes in western Washington to focus their forest health and resilience work and implementation of the Shared Stewardship Investment Strategy with USDA Forest Service. <a href="#">Link to full details</a></p> <p>(https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wadnr-2020-forest-action-plan-priority-landscapes/about)</p>	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wadnr-2020-forest-action-plan-priority-landscapes/explore?location=47.323895%2C-122.904560%2C7.70">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::wadnr-2020-forest-action-plan-priority-landscapes/explore?location=47.323895%2C-122.904560%2C7.70</a>
WA DNR	WA DNR 20 Year Forest Health Eastern Washington Priority Planning Areas	<p>Planning areas are based on a forest health HUC 6 watershed prioritization created by DNR staff and feedback received from local stakeholders. <a href="#">Link to full details</a></p> <p>(https://data-wadnr.opendata.arcgis.com/datasets/wadnr::20-year-forest-health-plan-wadnr-planning-areas/about)</p>	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::20-year-forest-health-plan-wadnr-planning-areas/explore?location=47.351701%2C-119.452883%2C7.59">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::20-year-forest-health-plan-wadnr-planning-areas/explore?location=47.351701%2C-119.452883%2C7.59</a>

WA DNR	Completed Forest Health Treatments	All completed forest health motivated treatments in Eastern Washington as reported to DNR by landowners and land managers from 01/01/2017-10/31/2023. <a href="#">Link to full details</a> ( <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::completed-forest-health-treatments-2017-october-31st-2023-eastern-wa/about">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::completed-forest-health-treatments-2017-october-31st-2023-eastern-wa/about</a> )	<a href="https://data-wadnr.opendata.arcgis.com/search?groupIds=b5229bc8c2394639882c031bec75118a">https://data-wadnr.opendata.arcgis.com/search?groupIds=b5229bc8c2394639882c031bec75118a</a>
<b>Smoke, Fire, and Flood Data</b>			
Washington Department of Ecology	Designated Areas for Smoke Planning	Areas designated by WDOE for special consideration of PM 2.5 smoke particulates [RCW 70.94.6538] <a href="#">Link to full details</a> ( <a href="https://geo.wa.gov/datasets/waecy::designated-areas-for-smoke-planning-1/about">https://geo.wa.gov/datasets/waecy::designated-areas-for-smoke-planning-1/about</a> )	<a href="https://geo.wa.gov/datasets/waecy::designated-areas-for-smoke-planning-1/explore?location=46.862138%2C-120.607320%2C8.51">https://geo.wa.gov/datasets/waecy::designated-areas-for-smoke-planning-1/explore?location=46.862138%2C-120.607320%2C8.51</a>
WA DNR	Washington State Large Fires 1973-2022	Dataset represents large fires in Washington State typically over 100 acres, but smaller perimeters have been included when data is available. <a href="#">Link to full details</a> ( <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-large-fires-1973-2022/about">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-large-fires-1973-2022/about</a> )	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-large-fires-1973-2022/explore?location=47.343890%2C-120.225150%2C7.46">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-large-fires-1973-2022/explore?location=47.343890%2C-120.225150%2C7.46</a>
WA DNR	Fire Statistics (Fire Starts) 2008- current	Dataset includes information about wildfires that have occurred on lands protected by the Washington State Department of Natural Resources, 2008 to present. <a href="#">Link to full details</a> ( <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::dnr-fire-statistics-2008-present/about">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::dnr-fire-statistics-2008-present/about</a> )	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::dnr-fire-statistics-2008-present/explore?location=47.251519%2C-120.769400%2C7.46">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::dnr-fire-statistics-2008-present/explore?location=47.251519%2C-120.769400%2C7.46</a>

NIFC	Wildland Fire Incident Specific Data	Large database of fire perimeter files, 2014-current	<a href="https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/">https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/</a>
NFHL	The National Flood Hazard Layer	The National Flood Hazard Layer (NFHL) is a geospatial database that contains current effective flood hazard data. FEMA provides the flood hazard data to support the National Flood Insurance Program.	<a href="https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd">https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd</a>
<b>Potential Control Lines and Potential Operational Delineations (PODs)</b>			
WA DNR	Dual Benefit Potential Control Lines (Central/Eastern Washington)	Layer displays Potential Control Lines (PCLs) ranked as first, second, or third priority. <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::pclsdual-benefit/about">Link to full details</a> (https://data-wadnr.opendata.arcgis.com/datasets/wadnr::pclsdual-benefit/about)	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::pclsdual-benefit/explore?location=46.749269%2C-120.574837%2C8.60">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::pclsdual-benefit/explore?location=46.749269%2C-120.574837%2C8.60</a>
WA DNR	Potential Operational Delineations (PODs) Central/Eastern Washington	Identifies landscape-scale operational units used in wildfire response planning to support strategic fire management and suppression decision-making.	<a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::podsdual-benefit/explore?location=47.332412%2C-119.429942%2C7.68">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::podsdual-benefit/explore?location=47.332412%2C-119.429942%2C7.68</a>
<b>Various Values and Assets</b>			
WS DOT	Multiple transportation on datasets (bridges, roads, and other transportation-related features)	Explore, filter, and download WSDOT spatial data and access interactive and printable maps.	<a href="https://gisdata-wsdot.opendata.arcgis.com/">https://gisdata-wsdot.opendata.arcgis.com/</a>
WS DOH	Source Water Protection Areas	Delineates areas contributing to public drinking water sources to support protection planning and assessment of wildfire-related risks to water quality.	<a href="https://geo.wa.gov/datasets/WADOH::source-water-protection-areas-1/explore">https://geo.wa.gov/datasets/WADOH::source-water-protection-areas-1/explore</a>

U.S. Energy Information Administration	Natural Gas Pipelines	Shows the locations of major natural gas transmission pipelines to support identification of critical infrastructure potentially impacted by wildfire.	<a href="https://hifld-geoplatform.opendata.arcgis.com/datasets/natural-gas-pipelines/explore?location=47.164398%2C-118.549556%2C6.58">https://hifld-geoplatform.opendata.arcgis.com/datasets/natural-gas-pipelines/explore?location=47.164398%2C-118.549556%2C6.58</a>
U.S. Department of Homeland Security	Homeland Infrastructure Foundation-Level Data (HIFLD)	The HIFLD tool is a geospatial data repository managed by the U.S. DHS that provides foundational critical infrastructure location data to support planning, preparedness, response, and resilience activities across the homeland security enterprise.	<a href="https://www.dhs.gov/gmo/hifld">https://www.dhs.gov/gmo/hifld</a>

## Data Hubs and Useful Websites

Washington State DNR Contacts:

CR Coordinator: Rose Beaton, 509-797-1882 [rose.beaton@dnr.wa.gov](mailto:rose.beaton@dnr.wa.gov)

Wildfire Management Division GIS Analyst: Bridget Anderson [bridget.anderson@dnr.wa.gov](mailto:bridget.anderson@dnr.wa.gov)

WMD GIS: Michael Tonkel - [michael.tonkel@dnr.wa.gov](mailto:michael.tonkel@dnr.wa.gov)

<b>Agency</b>	<b>Link</b>
Washington State Department of Natural Resources	<a href="https://data-wadnr.opendata.arcgis.com/">https://data-wadnr.opendata.arcgis.com/</a>
Washington State Geoservices	<a href="https://geo.wa.gov/">https://geo.wa.gov/</a>
Washington State Department of Transportation	<a href="https://gisdata-wsdot.opendata.arcgis.com/">https://gisdata-wsdot.opendata.arcgis.com/</a>
Washington State Department of Fish & Wildlife	<a href="https://data-wdfw.opendata.arcgis.com/">https://data-wdfw.opendata.arcgis.com/</a>
Washington State Department of Ecology	<a href="https://ecology.wa.gov/research-data/data-resources/geographic-information-systems-gis/data">https://ecology.wa.gov/research-data/data-resources/geographic-information-systems-gis/data</a>
Washington State Department of Health (WSDOH)	<a href="https://doh.wa.gov/data-statistical-reports/data-systems/geographic-information-system/downloadable-data-sets">https://doh.wa.gov/data-statistical-reports/data-systems/geographic-information-system/downloadable-data-sets</a>
United States Forest Service (USFS)	<a href="https://data.fs.usda.gov/geodata/edw/datasets.php">https://data.fs.usda.gov/geodata/edw/datasets.php</a>
National Interagency Fire Center	<a href="https://data-nifc.opendata.arcgis.com/">https://data-nifc.opendata.arcgis.com/</a>
Risk Management Assistance Dashboard	<a href="https://experience.arcgis.com/experience/f9d7f7f920494c3db43a23a8dffe4664/page/Instructions/">https://experience.arcgis.com/experience/f9d7f7f920494c3db43a23a8dffe4664/page/Instructions/</a>
Wildfire Risk Data (from USFS wildfirerisk.org)	<a href="https://livingatlas.arcgis.com/en/browse/?q=%22Wildfire%20Risk%20to%20Communities%22#d=2&amp;q=%22Wildfire+Risk+to+Communities%22&amp;type=layers">https://livingatlas.arcgis.com/en/browse/?q=%22Wildfire%20Risk%20to%20Communities%22#d=2&amp;q=%22Wildfire+Risk+to+Communities%22&amp;type=layers</a>
NIFC FTP Data Server	<a href="https://ftp.wildfire.gov/">https://ftp.wildfire.gov/</a>
Bureau of Land Management (BLM)	<a href="https://gbp-blm-egis.hub.arcgis.com/pages/oregon">https://gbp-blm-egis.hub.arcgis.com/pages/oregon</a>
Fire Enterprise Geospatial Portal (EGP) [NIFC product]	<a href="https://egp.wildfire.gov/egp/">https://egp.wildfire.gov/egp/</a>
FEMA Geospatial Resource Center	<a href="https://gis-fema.hub.arcgis.com/pages/data-catalog?utm">https://gis-fema.hub.arcgis.com/pages/data-catalog?utm</a>