



Framework Program Inventory Update

PUBLIC REVIEW DRAFT
APRIL 2026

The Framework Program is now accepting comments on data inventory updates. Comments will be accepted from all members of the public through April 30, 2026.

All review documents are available at:

<https://www.oregon.gov/eis/geo/Pages/framework-program.aspx>

Follow the steps below to submit your comments.

Step 1. Review Public Review Draft.

Step 2. Download Comment Log.

Step 3. Compile all comments and questions in a single spreadsheet – be as descriptive as possible, log one questions/comment per row, and use as many rows as needed.

Step 4. Email completed comment log to Melissa Foltz (melissa.foltz@das.oregon.gov)
Comments must be submitted by midnight on April 30, 2026.

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Introduction

Oregon's Framework Program is a collaborative network of GIS practitioners across the state who support the creation and maintenance of foundational and authoritative geospatial data (called geographic data as defined in ORS 276A.203 (4)(b)(B)). The Framework Program develops data standards, stewardship plans, and governance processes to promote and advance the use and sharing of geospatial data. Framework data are fundamental geospatial data sets intended to serve the purposes of a broad range of users and are organized into 16 Framework themes:

1. Addresses and Buildings
2. Administrative Boundaries
3. Bioscience
4. Cadastral
5. Climate
6. Coastal and Marine
7. Elevation
8. Geodetic Control
9. Geoscience
10. Hazards
11. Hydrography
12. Imagery
13. Land Use/Land Cover
14. Preparedness
15. Transportation
16. Utilities

Framework datasets are developed to adopted standards, shared openly, and maintained through a collaborative community-based effort participated in by local, regional, state, tribal, and federal governments.

As stated in Oregon Revised Statute (ORS) 276A.500-515, the Oregon Geographic Information Council (OGIC) serves as the statewide governing body for sharing and managing geospatial Framework data, coordinates data sharing by public bodies, identifies best practices for managing geographic information, and how to apply these practices within the state. OGIC also specifies the geospatial Framework data that is to be shared between public bodies, and reviews and endorses the data standards by which Framework data is to be created, maintained, and shared.

In October of 2022, OGIC approved the Framework Data Element Management Guidelines¹ to be used as a guidance document that outlines the process for updating the Framework Data Inventory. In 2023, the Framework program completed an intensive inventory review to establish a baseline for moving forward.

This update is the result of routine, ongoing maintenance. Changes documented reflect input gathered during OGIC's consultation with data stewards² as well as additional suggestions submitted directly to the Framework Coordination by data stewards or Framework Implementation Theme (FIT) Leads.

¹ The Framework Data Element Management Guidelines were approved by the OGIC in October 2022. The guidelines can be found online at: <https://www.oregon.gov/eis/geo/Documents/eis-geo-framework-data-element-mgmt-guidelines-20221026.pdf>

² OGIC's public body data sharing processes have been documented in OGIC's Administrative Process and Procedures to Implement ORS 276a.509 and can be found at: https://www.oregon.gov/eis/geo/OGIC%20Documents1/ogic-Administrative_Process_Procedures_Implement_OR276A.509.pdf

Framework Data Requirements

The Framework Program has defined requirements that are used to determine whether data elements should be considered Framework data. Data is considered Framework if data elements have multiple, well-defined users and use cases; are authoritative and statewide; or are required by legislative mandate. These requirements are further described in Table 1.

Table 1. Framework Data Element Requirements

Requirement	Description
Multiple, well-defined use cases	Multiple, well-defined business uses that articulate the importance of the creation and long-term maintenance of the data.
Multiple, well-defined users	Well-defined set of users or organizations/agencies who rely on the data for their business needs.
Authoritative Data	Data that can be officially certified and is provided by an entity that is authorized to develop or manage data for a specific business purpose.
Statewide	Statewide datasets are the goal, however, may require aggregation of many sub-sets/jurisdictional data.
Required by Legislation	Data required in statute for agencies to acquire and maintain.

Inventory Update and Review Process

The Framework Data Element Management Guidelines outline the steps required to update the Framework Program Inventory. In 2023 the Framework program established a baseline inventory. Recommended updates have been identified, compiled, and routed for review as described in Table 2.

Table 2. Framework Program Inventory Update Milestones and Timeline

Date(s)	Inventory Update Milestones
August 2023 – November 2025	Oregon’s Framework Coordinator documented comments received from data stewards and GEOHub users.
January 2024 – October 2025	First phase of OGIC consultation with public bodies. Suggested changes and input from data stewards documented during consultation.
December 2025	Framework Coordinator compiled comments and prepared document for review.
February 2026	FIT Leads review and provide comments prior to public review.
April 2025	Framework Inventory updates posted to EIS website for public review. Notifications sent to FIT, GPL, TAC, and OGIC listservs.
TBD	Framework Coordinator to compile comments from public review and circulate updates to FIT Leads for resolution.
TBD	Framework Coordinator to present proposed Framework Inventory updates to OGIC for review and approval.

Proposed Changes

Proposed changes to the Framework Inventory are presented in three Tables 3-5.

Table 3. Framework Data Elements to be Updated

Data Element	Proposed Change	Description	Justification
Statewide Levee	Rename to “ Statewide Levees ” Move to Hydrography theme	The levee lines feature class is an inventory of levee lines representing the centerline of levee-like features that appear to protect against flooding in the state of Oregon.	Aligns with data custodian nomenclature.
Geodetic Control Points	Rename to “ Oregon Control Database ”	Monumented points are randomly located but also objects such as lighthouses, masts & church spires. These are then used to locate section corners and meander lines.	Aligns with data custodian nomenclature.
Gridded Soil Survey Geographic (gSSURGO) Database for Oregon	Rename to “ Gridded National Soil Survey Geographic Database (gNATSGO - SSURGO and STATSGO Compilation) ”	Detailed soil units from Soils Surveys covering nonfederal land conducted by the U.S. Natural Resource Conservation Service (NRCS) that differentiates mapped units based on a range of physical, topographic, and chemical properties.	Aligns with data custodian nomenclature.
Channel Migration Zone	Rename “ Oregon Channel Migration Screening ”	Delineates hazard areas within which a given stream is likely to move laterally in the future. This data element contains a geodatabase with multiple feature class datasets (active channel, historical migration area, erosion hazard areas, avulsion hazard)	Aligns with data custodian nomenclature.
Animal Shelters	Move to Future Consideration List	Point locations representing active animal shelters for response activities.	Data does not currently exist.
GNIS	Move to Addresses and Buildings Theme	Point features that are included in the USGS GNIS database. Includes points with place names taken from the USGS topographic quad maps.	Aligns better with Addresses and Buildings Theme.

Table 4. New Framework Program Data Elements

Data Element	Theme	Description	Justification
Statewide Wetlands Inventory	Bioscience	<p>The Statewide Wetlands Inventory is a collection of several datasets including: National Wetlands Inventory as delivered by USFWS NWI, see corrections below. Local Wetlands Inventories (= LWI_Statewide) compiled by DSL. Represents wetlands and waters resources and two other LWI layers as displayed in DSL approved LWIs. (updates as new LWIs approved.)</p> <p>USGS National Hydrography Dataset subsets as configured for the SWI by DSL.</p> <p>SWI Soils two subsets of (either SSURGO/STATSGO soils compilation for Oregon 2023(?) OR gNATSGO 2024) representing predominantly hydric soil map units and Agate-Winlo soil map unit of Jackson Co. Configured by DSL for the SWI.</p> <p>Essential Anadromous Salmonid Habitat (ESH) developed by ODFW and DSL. (updates annually Feb 1.)</p> <p>State Scenic Waterways and management units (SSW) as developed by OPRD & OWRD (updates as new reaches designated).</p> <p>More datasets will be added when completed.</p>	Replace outdated Oregon Wetlands Database.
National Wetlands Inventory	Bioscience	USFWS National Wetland Inventory	Replace outdated Oregon Wetlands Database.
High Resolution Landcover	Land Use/ Land Cover	NOAA High Resolution Land Cover; including canopy, impervious surface, landcover and water.	New high-resolution dataset.
Oregon Census Demographic Data	Admin Boundaries	Oregon demographic data by various Census geographic boundaries (Tract, Block Group, Block, Zip Code Tabulation Areas (ZCTA), Public Use Microdata Areas PUMA)	Reflects how data is currently posted in GEOHub.
State Marine Managed Areas	Admin Boundaries	State Marine Managed Areas define the boundaries of marine areas managed by various agencies including Oregon Department of Land Conservation and Development, Oregon Department of State Lands, Oregon Department of Fish and Wildlife, Oregon Parks and Recreation Department.	Meets requirements for Framework data and provides a single source of truth across state agencies.

Table 5. Data Elements to be Removed from Framework Inventory

Data Element	Description	Justification
Oregon State Government Buildings	Buildings occupied by the headquarters of cabinet level state executive departments, legislative offices buildings outside of the capitol building, offices and court rooms associated with the highest level of the judicial branch of the state government.	Outdated.
Designated Scenic Areas	Areas designated as scenic areas.	Duplicate data with 'National Memorials, Parks and Scenic Areas' data element.
Oregon Wetlands Database	The Oregon Wetlands Database (2019) is a geodatabase consisting of three feature classes: 1) Local Wetland Inventory (LWI) Wetlands, 2) National Wetland Inventory (NWI) Wetlands, and 3) More Oregon Wetlands (MOW).	Outdated and to be replaced with Statewide Wetlands Inventory and National Wetlands Inventory.
Wetland Soils	Soil map units in Oregon with a hydric or wetland component.	Outdated. Hydric soils have been incorporated into NRCS Soils Compilation data elements.
Willamette Valley Wetland Priority Sites	Wetland Priority Sites for the Willamette Valley Basin.	Does not meet Framework Requirements (Statewide).
Elevation Contours	Contour intervals of constant elevation, ranging from 10 feet to 80 feet.	Contours are not available. See Lidar point cloud.
Aspect	The compass direction toward which a sloped surface is facing.	Aspect data is not available. See Lidar point cloud.
Soil Survey Boundaries (All Sources)	Boundaries of various soil surveys in Oregon.	Outdated. No longer widely used.
Soil Survey Boundaries (NRCS)	Boundaries of all NRCS-released soil survey areas in Oregon.	Outdated. No longer widely used.

Data Element	Description	Justification
Coastal Erosion Areas	Delineates areas at risk for erosion within the coastal zone; site specific data; does not cover entire coast.	per OGIC Consultation: Coastal Erosion areas as shown on HazVu were compiled only for HazVu. It is a compilation of multiple publications and DOGAMI has never published the compiled data as a publication. There is no statewide dataset that is published and available for GEOHub.
Tsunami Regulatory Line	Dataset represents the Senate Bill 379 (SB379) tsunami regulatory line created in 1995 for the entire Oregon coast.	per OGIC Consultation: Legislation expired, DOGAMI no longer maintains data.
Letters Of Map Change (LOMC)	FEMA Letter of Map Change (LOMC) Locations downloaded from the FEMA Map Service Center Website.	Not widely used.
Naturally Occurring Hazardous Materials	Mapping the radon potential in Oregon is a research project initiated by the Oregon Department of Geology and Mineral Industries (DOGAMI) for the Oregon Department of Transportation.	per OGIC Consultation: Naturally Occurring Hazardous Materials is a GIS layer provided directly to ODOT for their use. It is not a published GIS layer.
Tsunami Hazard	Includes multiple tsunami-related datasets: 1) tsunami runup elevation: delineates tsunami runup elevations for both a Cascadia and eastern Aleutian Island tsunami inundation scenario. 2) tsunami wave arrival times: Delineates tsunami wave arrival times.	Not widely used.
Archaeological Sites	Locations of subsurface artifacts.	Heavily restricted data. Does not have broad user-base.
Non-Congregate Shelters	Point locations representing non-congregate shelters (long-term sheltering locations).	Restricted data. Does not have a broad user-base.
Zip Code Boundaries	Areas delineating addresses assigned to each USPS zip code.	US Postal Service data is not freely available.

Proposed Framework Data Element Inventory

Table 6. Proposed Framework Data Element Inventory

ID	Theme	Data Element	Description	Justification for Recommended Changes
AB80	Addresses and Buildings	Address Points	All residential and commercial street addresses with unit numbers if present.	
AB92	Addresses and Buildings	Building Footprints	Building footprints depicting building shape and location in the state of Oregon.	
PR22	Addresses and Buildings	Correctional Institutions	Location of all correctional facilities, including work release centers and other "in-community" facilities.	
PR03	Addresses and Buildings	Oregon State Government Buildings	Buildings occupied by the headquarters of cabinet level state government executive departments, legislative offices buildings outside of the capitol building, offices and court rooms associated with the highest level of the judicial branch of the state go	Remove – Outdated data set.
AB81	Addresses and Buildings Hydrography	Statewide Levee Statewide Levees	The levee lines feature class is an inventory of levee lines representing the centerline of levee-like features that appear to protect against flooding in the state of Oregon.	Update - Aligns with data custodian nomenclature.
AB93	Admin Boundaries	2020 Census Block Groups	Block Groups (BGs) are statistical divisions of census tracts, are generally defined to contain between 600 and 3,000 people and are used to present data and control block numbering. A block group consists of clusters of blocks within the same census tract.	
AB94	Admin Boundaries	2020 Census Blocks	Blocks (Census Blocks or Tabulation Blocks) are statistical areas bounded by visible features, such as streets, roads, streams, and railroad tracks, and by nonvisible boundaries, such as selected property lines and city, township, school district, and county boundaries.	
RE01	Admin Boundaries	2020 Census Tracts	Census Tracts are small, relatively permanent statistical subdivisions of a county or statistically equivalent entity that can be updated by local participants prior to each decennial census as part of the Census Bureau’s Participant Statistical Areas Program (PSAP).	

ID	Theme	Data Element	Description	Justification for Recommended Changes
AB01	Admin Boundaries	Agricultural Water Quality Management Program Boundary	Agency program boundaries.	
AB03	Admin Boundaries	Air Quality Maintenance Areas	Airsheds in maintenance monitoring status for specific pollutants - Carbon Monoxide, Ozone and Particulate Matter.	
AB04	Admin Boundaries	American Indian Reservations	Area encompassing the variety of land ownerships & management of a particular tribe.	
PR04	Admin Boundaries	Cities	Point locations of municipalities representing the approximate geographic center of the municipality for presentation at small scale.	
AB07	Admin Boundaries	City & County Comprehensive Plan Designations	Comprehensive plan designations that represent the long-term vision for local jurisdictions.	
AB08	Admin Boundaries	City Limits	Boundary of the incorporated area for a municipality.	
AB09	Admin Boundaries	Coastal Zone Boundary	The Oregon coastal zone includes the state's coastal watersheds and extends seaward three nautical miles and inland to the crest of the coast range, with a few exceptions: along the Umpqua and Rogue Rivers, and in the Columbia Basin.	
AB21	Admin Boundaries	Congressional Districts	Boundaries of the federal Congressional districts.	
AB11	Admin Boundaries	Council Of Governments Boundaries	Boundaries for Oregon's Council of Governments.	
AB12	Admin Boundaries	County Boundaries	Legal boundary of Oregon's thirty-six counties.	
AB14	Admin Boundaries	Designated Scenic Areas	Areas designated as scenic areas.	Remove - Duplicate data with 'National Memorials, Parks and Scenic Areas' data element.

ID	Theme	Data Element	Description	Justification for Recommended Changes
AB20	Admin Boundaries	Educational Boundaries	Oregon educational boundaries are a centralized statewide repository of regions, districts and service areas related to educational administration.	
PR18	Admin Boundaries	Educational Locations	Point locations of public and private schools in Oregon.	
AB26	Admin Boundaries	Enterprise Zones	Special economic areas are eligible for certain financial mechanisms.	
RE06	Admin Boundaries Addresses and Buildings	GNIS	Point features that are included in the USGS GNIS database. Includes points with place names taken from the USGS topographic quad maps.	Update – Better aligned with Addresses and Buildings Theme.
AB95	Admin Boundaries	Groundwater Drinking Water Source Areas	This layer includes Oregon Department of Environmental Quality (DEQ) and Oregon Health Authority (OHA) Drinking Water Program Source Water Assessment drinking water source area results for community (C), non-transient non-community (NTNC), and transient non-community (TNC).	
AB34	Admin Boundaries	Groundwater Management Areas	Program boundaries for groundwater management.	
AB35	Admin Boundaries	Groundwater Restricted Areas	Program boundaries for groundwater management.	
AB96	Admin Boundaries	House Districts	The boundaries of state legislative House Districts.	
AB97	Admin Boundaries	Level III Ecoregions	Ecoregions denote areas of general similarity in ecosystems and in the type quality, and quantity of environmental resources.	
AB41	Admin Boundaries	Metro Boundary	The political boundary showing the area that is subject to Metro's regulatory and taxing authority and the area that has elected representation on the Metro Council.	
AB45	Admin Boundaries	National Forest Boundaries	Boundaries of National Forests administered by the U.S. Forest Service. Includes outer boundary and boundary of inholdings that are not part of the forest.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
AB44	Admin Boundaries	National Memorials, Parks and Scenic Areas	Federal special management areas that include national memorials, parks, and scenic areas.	
AB98	Admin Boundaries	National Wilderness Preservation System	This data layer consists of National Wilderness Preservation System areas in the United States, Puerto Rico, and the U.S. Virgin Islands.	
AB99	Admin Boundaries	ODF Protection Districts	Polygons delineating ODF's Protection from Fire Program Districts.	
AB30	Admin Boundaries	ODFW Fish Biologist Districts	ODFW fish biologist district boundaries.	
<i>NEW</i>	Admin Boundaries	Oregon Census Demographic Data	Oregon demographic data by various Census geographic boundaries (Tract, Block Group, Block, Zip Code Tabulation Areas (ZCTA), Public Use Microdata Areas (PUMA).	New - Reflects how data is currently posted in GEOHub.
LA08	Admin Boundaries	Oregon Ecoregions	Modeled areas based on vegetation, elevation and other factors using Omernick's approach.	
AB100	Admin Boundaries	Oregon Land and Water Conservation Fund (LWCF) 6F Boundaries	Approximate spatial location of current LWCF 6f boundaries in Oregon.	
AB101	Admin Boundaries	Oregon Land Management	Information representing fee land title and land manager of lands located in Oregon.	
AB43	Admin Boundaries	Oregon Metropolitan Planning Organizations	Regional planning organization boundaries.	
AB102	Admin Boundaries	Oregon Workforce Investment Board Boundaries	Oregon's Workforce Investment Boards boundaries.	
AB23	Admin Boundaries	Senate Districts	Boundaries of state legislative Senate Districts.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
AB66	Admin Boundaries	Shellfish Management Program Areas	Boundaries and classifications of commercial shellfish harvest zones within Yaquina, Netarts, Tillamook, Coos, Umpqua and South Slough Bay, Oregon.	
AB67	Admin Boundaries	Soil and Water Conservation Districts	Oregon's 45 Soil and Water conservation districts.	
AB68	Admin Boundaries	Soil and Water Conservation Zone Boundaries	Election zones within each soil water conservation district.	
AB72	Admin Boundaries	State Boundary	Official boundary of the State of Oregon.	
AB73	Admin Boundaries	State Forest Boundaries	Forestlands actively managed by Oregon Dept. of Forestry to provide economic, environmental, and social benefits to Oregonians.	
<i>NEW</i>	Admin Boundaries	State Marine Managed Areas	State Marine Managed Areas define the boundaries of marine areas managed by various agencies including Oregon Department of Land Conservation and Development, Oregon Department of State Lands, Oregon Department of Fish and Wildlife, Oregon Parks and Recreation Department.	New - Meets requirements for Framework data and provides a single source of truth across state agencies.
AB74	Admin Boundaries	State Park Boundaries	Boundaries of state parks operated by the Oregon Parks and Recreation Department.	
AB19	Admin Boundaries	Surface Water Drinking Water Source Areas	Source areas for surface water intakes.	
AB77	Admin Boundaries	Urban Growth Boundaries	Areas surrounding cities within which certain land use regulations apply.	
AB81	Admin Boundaries	Vegetation Line (Coastal)	Vegetation Lines define taxable lands along the coast. Land seaward of the line is exempt from taxation, but improvements are taxable.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
AB82	Admin Boundaries	Vehicle Inspection Areas	Areas over which vehicle inspections regulations apply.	
AB87	Admin Boundaries	Watershed Council Boundaries	Boundaries of the Watershed Councils defined by the Oregon Watershed Enhancement Board. Based generally on major watersheds but sometimes follow county boundaries.	
AB90	Admin Boundaries	Wildlife Management Units	Hunt unit boundaries.	
RE04	Admin Boundaries	Zip code Boundaries	Areas delineating addresses assigned to each USPS zip code.	Remove - US Postal Service data is not freely available.
AB91	Admin Boundaries	Zoning	Areas defined by a local jurisdiction which define acceptable types of development. Local and statewide zones provided.	
BI05	Bioscience	Existing Vegetation	Existing vegetation includes current species, ranges, communities, structure. Supports PNW ReGAP, LandFire, Risk Assessment, and the Oregon Forest Assessment.	
BI17	Bioscience	Fish Passage Barriers	Fish passage barrier inventory includes both artificial and natural barriers. Features include potential barriers that may be passable (at the time they were described) to migratory fish species.	
BI14	Bioscience	Historic Vegetation	Distribution of historic (pre-European settlement) vegetation. Includes species ranges, communities, structure.	
<i>NEW</i>	Bioscience	National Wetlands Inventory	USFWS National Wetland Inventory	New - Replace outdated Oregon Wetlands Database.
BI04	Bioscience	Oregon Fish Habitat Distribution	The Oregon Fish Habitat Distribution Database contains dozens of datasets that represent species specific, and in some cases, genus specific, fish habitats within the waters of the state.	
BI08	Bioscience	Oregon Statewide Habitat Map	The habitat map is a compilation of several recent regional and ecosystem focused vegetation-mapping efforts. It includes the best available data for each of the habitat types.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
LA09	Bioscience	Oregon Stewardship Database	Areas managed for fish, wildlife, conservation, wilderness, watershed conservation, or other land designations.	
BI06	Bioscience	Oregon Wetlands Database	The Oregon Wetlands Database (2019) is a geodatabase consisting of three feature classes: 1) Local Wetland Inventory (LWI) Wetlands, 2) National Wetland Inventory (NWI) Wetlands, and 3) More Oregon Wetlands (MOW).	Remove - Outdated and replaced with Statewide Wetlands Inventory and National Wetlands Inventory.
BI13	Bioscience	Seed Zones	Identified areas designed to provide guidance for determining appropriate tree seedling parental source area. Seed zones are based on genetic variation patterns obtained by evaluating genotypes of trees from locations in the region.	
<i>NEW</i>	Bioscience	Statewide Wetlands Inventory	<p><i>The Statewide Wetlands Inventory is a collection of several datasets including:</i></p> <p><i>National Wetlands Inventory as delivered by USFWS NWI, see corrections below.</i></p> <p><i>Local Wetlands Inventories (= LWI_Statewide) compiled by DSL. Represents wetlands and waters resources and two other LWI layers as displayed in DSL approved LWIs. (updates as new LWIs approved.)</i></p> <p><i>USGS National Hydrography Dataset subsets as configured for the SWI by DSL.</i></p> <p><i>SWI Soils two subsets of (either SSURGO/STATSGO soils compilation for Oregon 2023(?) OR gNATSGO 2024) representing predominantly hydric soil map units and Agate-Winlo soil map unit of Jackson Co. Configured by DSL for the SWI.</i></p> <p><i>Essential Anadromous Salmonid Habitat (ESH) developed by ODFW and DSL. (updates annually Feb 1.)</i></p> <p><i>State Scenic Waterways and management units (SSW) as developed by OPRD & OWRD (updates as new reaches designated).</i></p> <p><i>More datasets will be added when completed.</i></p>	New - Replace outdated Oregon Wetlands Database.

ID	Theme	Data Element	Description	Justification for Recommended Changes
BI15	Bioscience	Terrestrial Species/Distribution	Vascular plant, including weeds, distribution information part of the Oregon Flora Atlas project at OSU. Tree species and shrub species mapped to emap hexagon.	
BI19	Bioscience	Wetland Mitigation Banks	Wetland mitigation banks in Oregon.	
BI20	Bioscience	Wetland Soils	Soil map units in Oregon with a hydric or wetland component.	Remove - Outdated. Hydric soils have been incorporated into NRCS Soils Compilation data elements.
BI21	Bioscience	Willamette Valley Wetland Priority Sites	Wetland Priority Sites for the Willamette Valley Basin.	Remove - Does not meet Framework Requirements (Statewide).
CA09	Cadastral	Assessor's Map Boundaries	Index of area covered by each assessor's map.	
CA08	Cadastral	Donation Land Claims	Areas of land given by the federal government to western settlers.	
CA04	Cadastral	Ownership Land Management	The Ownership Land Management feature class provides a complete and current representation of statewide land management and ownership status by integrating the best available data for Federal, State and County sources.	
CA12	Cadastral	Public Land Survey System (PLSS) Quarter-Quarter	A single, published coordinate pair for corner positions; may include lines depicting Public Land Survey System (PLSS) boundaries for Quarter-Quarters.	
CA13	Cadastral	Public Land Survey System (PLSS) Section	A single, published coordinate pair for corner positions; may include lines depicting Public Land Survey System (PLSS) boundaries for Sections.	
CA01	Cadastral	Public Land Survey System (PLSS) Township Range	A single, published coordinate pair for corner positions; may include lines depicting Public Land Survey System (PLSS) boundaries for Townships and Range.	
CA14	Cadastral	Public Land Survey System (PLSS)	A single, published coordinate pair for corner positions; may include lines depicting Public Land Survey System (PLSS) boundaries without Donation Land Claims.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
		without Donation Land Claims		
CA03	Cadastral	Real Property Table	Attribute data about parcel ownership, situs, mailing address and tax-related information.	
CA05	Cadastral	State-Owned Lands	Boundaries of state-owned properties.	
CA07	Cadastral	Tax Codes	Areas encompassing multiple tax lots which have the same combination of taxing districts and therefore the same tax rate.	
CA02	Cadastral	Tax Lots	Tax lots defined by counties and defined on real property tax rolls.	
CL08	Climate	50-Year Return Period Snow Load	50-year return period snow load - used to develop structural engineering design specifications.	
CL15	Climate	Cloud Solar Radiation Transmittance - Monthly and Annual Normals	Solar radiation transmittance through clouds - used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	
HZ05	Climate	Drought Areas	Delineates areas at risk for drought.	
CL04	Climate	Precipitation - Historic Daily Time Series	1981-present daily total precipitation- used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	
CL20	Climate	Precipitation - Historic Monthly Time Series	1895-current monthly total precipitation- used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	
CL03	Climate	Precipitation - Monthly and Annual Normals	Thirty-year normal average precipitation, monthly and annual - used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
CL14	Climate	Solar Radiation - Monthly and Annual Normals	Total global solar radiation- used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	
CL09	Climate	Temperature - Historic Daily Time Series	1981-present daily maximum and minimum temperature- used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	
CL21	Climate	Temperature - Historic Monthly Time Series	1895-current monthly average maximum, mean, and minimum temperature - used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states, one file per time step per element.	
CL05	Climate	Temperature - Monthly and Annual Normals	Thirty-year normal average minimum and maximum daily temperature, monthly and annual- used in a variety of natural resource applications. Data are in the form of grids in single-band BIL format covering the lower 48 states.	
CL17	Climate	USDA Plant Hardiness Zone Map	Average of coldest daily minimum temperature of year - used in gardening, plant breeding, and horticultural applications.	
BI18	Coastal and Marine	Coastal and Marine Ecological Classification	Biotic, Substrate, Geoform, Aquatic, Physiographic classifications.	
CM01	Coastal and Marine	Continually Updated Shoreline Product	The Oregon Continuously Updated Shoreline Product (CUSP) represents a ""best of"" attempt to create a continuous Mean High-Water Shoreline for use in GIS analysis and inventory work.	
CM03	Coastal and Marine	Shoreline Access Site	A parcel, easement, roadside, or road end that provides access to a waterbody, including lakes, estuaries, rivers, and the ocean shore.	
CM02	Coastal and Marine	ShoreZone	This geodatabase houses ShoreZone mapping for Oregon.	
EL05	Elevation	Aspect	The compass direction toward which a sloped surface is facing.	Remove - Aspect data is not available. See Lidar point cloud.

ID	Theme	Data Element	Description	Justification for Recommended Changes
EL01	Elevation	Digital Elevation Models	Digital representation of the topographic surface. Compiled from collections of elevation values that consist of topographic breaklines and masspoints. Grid cell spacing is 10 to 20 meters.	
EL03	Elevation	Elevation Contours	Contour intervals of constant elevation, ranging from 10 feet to 80 feet.	Remove - Contours are not available. See Lidar point cloud.
EL07	Elevation	Elevation Point Cloud	Digital elevation point cloud data.	
EL04	Elevation	Slope	The average incline of an area of the surface expressed in degrees or as a percent.	
GC01	Geodetic Control	Geodetic Control Points Oregon Control Database	Monumented points are randomly located but also objects such as lighthouses, masts & church spires. These are then used to locate section corners and meander lines.	Update - Aligns with data custodian nomenclature.
GS02	Geoscience	Gridded Soil Survey Geographic (gSSURGO) Database for Oregon Gridded National Soil Survey Geographic Database (gNATSGO - SSURGO and STATSGO Compilation)	Detailed soil units from Soils Surveys covering nonfederal land conducted by the U.S. Natural Resource Conservation Service (NRCS) that differentiates mapped units based on a range of physical, topographic, and chemical properties.	Update - Aligns with data custodian nomenclature.
GS01	Geoscience	Oregon Geology	Compilation of existing geologic mapping: includes bedrock type or unconsolidated deposits at/near the surface, age, lithologic description.	
GS05	Geoscience	Oregon SSURGO STATSGO Soils Compilation	General US Soil Units.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
GS06	Geoscience	Soil Survey Boundaries (All Sources)	Boundaries of various soil surveys in Oregon.	Remove - Outdated. No longer widely used.
GS07	Geoscience	Soil Survey Boundaries (NRCS)	Boundaries of all NRCS-released soil survey areas in Oregon.	Remove - Outdated. No longer widely used.
HZ18	Hazards	Abandoned Mine Locations	Oregon's mine sites and prospects.	
HZ16	Hazards	Channel Migration Zone Oregon Channel Migration Screening	Delineates hazard areas within which a given stream is likely to move laterally in the future. This data element contains a geodatabase with multiple feature class datasets.	Update - Aligns with data custodian nomenclature.
HZ03	Hazards	Coastal Erosion Areas	Delineates areas at risk for erosion within the coastal zone; site specific data; does not cover entire coast.	Remove - per OGIC Consultation: Coastal Erosion areas as shown on HazVu were compiled only for HazVu. It is a compilation of multiple publications and DOGAMI has never published the compiled data as a publication. There is no statewide dataset that is published and available for GEOHub.
HZ19	Hazards	Coastal Flood Zones	Delineates areas at risk for coastal flooding within the coastal zone.	
HZ06	Hazards	Earthquake Hazard	Delineates areas at risk for earthquakes for many Oregon communities. Maps combine effects of ground shaking, amplification, liquefaction, and earthquake-induced landslides to show earthquake hazards relative to local geologic conditions.	
HZ20	Hazards	Fault Lines	This dataset represents structural faults (at the scale of original mapping) and descriptive data and shows the location and type of faults in the state of Oregon.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
HZ14	Hazards	Inundation Areas	Part of the Oregon Statewide Flood Hazard Database and includes a compilation of high-water marks and observed inundation areas from flood events for the state of Oregon,	
HZ04	Hazards	Landslide and Debris Flow Hazard	Delineates hazard areas for all types of landslides including debris flows. This data element contains a geodatabase with multiple datasets.	
HZ15	Hazards	Letters Of Map Change (LOMC)	FEMA Letter of Map Change (LOMC) Locations downloaded from the FEMA Map Service Center Website.	Remove - Not widely used
HZ17	Hazards	Naturally Occurring Hazardous Materials	Mapping the radon potential in Oregon is a research project initiated by the Oregon Department of Geology and Mineral Industries (DOGAMI) for the Oregon Department of Transportation.	Remove -per OGIC Consultation: Naturally Occurring Hazardous Materials is a GIS layer provided directly to ODOT for their use. It is not a published GIS layer.
HZ21	Hazards	Oregon 100-Year Flood Zones	This layer includes the best available “100-year” floodplain data for Oregon as represented by FEMA’s Flood Insurance Rate Maps (FIRM).	
HZ22	Hazards	Oregon 500-Year Flood Zones	Similar to a 100-year flood, a 500-year flood has a 0.2-percent chance of being equaled or exceeded each year.	
HZ07	Hazards	Oregon Flood Hazard Layer Database	FEMA Flood Insurance Study hazard areas - compilation of areas at risk for flood occurrence at certain probability intervals, according to FEMA standards under the map modernization program.	
HZ23	Hazards	Tsunami Evacuation Zones	The evacuation zones are the local and distant tsunami scenarios shown on the tsunami evacuation brochures. The local tsunami evacuation zone is equal to the XXL tsunami scenario. The distant tsunami evacuation zone is equal to the AKMax tsunami scenario.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
HZ24	Hazards	Tsunami Hazard	Includes multiple tsunami-related datasets: 1) tsunami runup elevation: delineates tsunami runup elevations for both a Cascadia and eastern Aleutian Island tsunami inundation scenario. 2) tsunami wave arrival times: Delineates tsunami wave arrival times.	Remove - Not widely used. Does not have a broad user base.
HZ09	Hazards	Tsunami Regulatory Line	Dataset representing the Senate Bill 379 (SB379) tsunami regulatory line created in 1995 for the entire Oregon coast.	Remove -per OGIC Consultation: Legislation expired, DOGAMI no longer maintains data.
HZ11	Hazards	Volcano Hazard	Delineates areas at risk for impacts from volcanic eruptions.	
HZ10	Hazards	Wildland Urban Interface Boundary	Delineates areas where structures and other human development meet or intermingle with wildland or vegetative fuels. Used for wildfire protection planning and fire-fighting.	
PR08	Hydrography	Dam Facilities	Locations of dams and related facilities.	
HY01	Hydrography	NHD Flowline	Natural and manmade channels of water flow (rivers, streams, creek, canals) regardless of flow regime.	
HY04	Hydrography	NHD Point	Springs and other natural surface water features are best represented by points.	
HY02	Hydrography	NHD Waterbody	All lakes, ponds, double-banked streams and other water bodies best represented as an area.	
HY08	Hydrography	River Mile Locations on 7.5' Quad Map	River mile locations from the USGS 7.5' quad maps (1950s-1990s). Attributes include the stream name and the OWRD stream code.	
HY07	Hydrography	Stream Gages	Equipment at a location on a river used to measure water level surface elevation ("stage") and/or volumetric discharge (flow).	
HY09	Hydrography	Water Rights	Places of Use (POUs) and Points of Diversion (PODs) of water rights in Oregon.	
HY06	Hydrography	Water Wells	Holes dug or bored into the earth for the extraction of water.	
HY05	Hydrography	Watershed boundary dataset (WBD) (2 through 12-digit hydrologic unit)	Areas delineating watersheds defined by drainage divides. Hydrologic unit delineation follows a standard defined by the U.S. Geological Survey and is the subject of a current mapping project	

ID	Theme	Data Element	Description	Justification for Recommended Changes
			led by BLM, as a partner in the PNW Hydrography Framework Clearinghouse.	
IM01	Imagery	0.5-Meter DOQs	Statewide orthoimagery at a nominal GSD of 0.5 meter.	
IM02	Imagery	1-Meter DOQs	Statewide orthoimagery at a nominal GSD of 1 meter.	
RE10	Imagery	Quadrangle Boundaries	Quad boundaries for 6 mapping scales.	
IM04	Imagery	Statewide High Resolution Orthoimagery	Vertical 4-band orthoimagery, 1 foot GSD or better.	
LA01	Land Use/ Land Cover	Archaeological Sites	Locations of subsurface artifacts.	Remove - Heavily restricted data. Does not have broad user-base.
LA02	Land Use/ Land Cover	Cemeteries	Point locations or area delineations of public or private cemetery.	
<i>NEW</i>	<i>Land Use/ Land Cover</i>	<i>High Resolution Landcover</i>	<i>NOAA High Resolution Land Cover; including canopy, impervious surface, landcover and water.</i>	New - New high-resolution dataset.
LA03	Land Use/ Land Cover	Historic Sites	Buildings or sites of historic significance that have a federal, state, or local designation.	
LA06	Land Use/ Land Cover	Land Use	Characterization of the human use of land through the assignment of a land use classification for local parcels.	
LA05	Land Use/ Land Cover	National Land Cover Database (NLCD) - Oregon	A categorization of the vegetative or non-vegetative cover at the surface. Land cover is differentiated from “land use” which classifies areas based on the use of the land.	
LA04	Land Use/ Land Cover	Recreation Sites	All areas and features administered by federal or state authorities that have been designated for recreational use. These features include trails, camping areas, swimming areas, parks, and picnic areas.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
PR25	Preparedness	Animal Shelters	Point locations representing active animal shelters for response activities.	Update - Move to future considerations list. Data does not currently exist.
PR24	Preparedness	Congregate Shelters	Point locations representing congregate shelters (short-term sheltering operations).	
PR26	Preparedness	Emergency Operation Centers	Point locations representing emergency operations centers (EOCs) within Oregon. Includes listing of state agency operations centers in addition to local and tribal emergency operation centers.	
PR27	Preparedness	Fire Station	Fire Stations in Oregon. Any location where fire fighters are stationed or based out of, or where equipment that such personnel use in carrying out their jobs is stored for ready use.	
PR11	Preparedness	Hazardous Materials Storage Sites	Location of hazardous materials storage sites.	
PR28	Preparedness	Law Enforcement Facilities	Law Enforcement Locations Any location where sworn officers of a law enforcement agency are regularly based or stationed.	
PR29	Preparedness	Medical Facilities	Data compilation includes inpatient care facilities, rural health centers, hospital satellites, hospitals, hospice centers, home health agencies, ESRD dialysis facilities, birthing centers and ambulatory surgery centers).	
PR30	Preparedness	Non-Congregate Shelters	Point locations representing non-congregate shelters (long-term sheltering locations).	Remove - Restricted data. Does not have a broad user-base.
PR31	Preparedness	Nursing Homes	Data compilation includes nursing homes, residential treatment facilities, community-based facilities, and adult foster homes.	
PR32	Preparedness	Primary Public Safety Answering Points	Point locations representing primary public safety answering points (PSAPs) within Oregon.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
PR01	Preparedness	Public Safety Response Areas	Includes operational areas for emergency response by local fire, police, and sheriff units, state police, or other public safety organization.	
PR33	Preparedness	Secondary Public Safety Answering Points	Point locations representing secondary public safety answering points (PSAPs) within Oregon. These facilities provide backup support to primary PSAPs.	
PR34	Preparedness	Structural Fire Districts	Urban and rural structural fire district boundaries within Oregon.	
PR17	Preparedness	Wildfire-Related Facilities	Facilities for wildfire monitoring and protection including lookout towers, supply locations, etc.	
TR05	Transportation	Bridges	Structures for roads crossing over water bodies, roads, railroads, pedestrian crossings, topographic obstacles, or other obstructions.	
TR06	Transportation	Culverts	Structures constructed alongside or under roads for drainage control associated with roads.	
TR16	Transportation	Milepoints	Milepoints on state highways are collected using the distance measure instrument from the beginning of the highway and when features intersect or happen on the highway, including milepost paddles.	
TR03	Transportation	Mileposts	Locations of milepost paddles on state highways. Some milepost may be missing; some are not located precisely at one-mile intervals.	
PR14	Transportation	ODOT Life Lines	This data set depicts Oregon state highways that have been identified as tier 1, 2, or 3 seismic lifelines and identifies seismic lifelines for implementation of Policy 1E, Lifeline Routes, in the 1999 Oregon Highway Plan and is meant to represent a secure, designated network of highways, bridges, and routes designed to facilitate emergency services and economic recovery.	
TR18	Transportation	Oregon Highway Network	All state-owned highways, connections, frontage roads.	
TR04	Transportation	Railroads	Centerlines of railroad tracks.	

ID	Theme	Data Element	Description	Justification for Recommended Changes
TR01	Transportation	Road Centerlines	OR-Trans is a GIS road centerline dataset compiled from numerous sources of data throughout the state. Each dataset is from the road authority responsible for (or assigned data maintenance for) the road data each dataset contains. Data from each dataset is	
TR19	Transportation	Signed Routes	All signed Interstate, State, and US routes for the State of Oregon.	
TR08	Transportation	Trails	All trails maintained by federal, state, and local authorities and non-governmental groups	
UT18	Utilities	Communication Service Area	Delineation of communication service areas.	
UT19	Utilities	Electric Transmission Line	Electric transmission line providing power from generation/storage points to distribution substations.	
UT20	Utilities	Electric Transmission Tower	Electric transmission towers and poles carrying transmission line.	
UT21	Utilities	Electric Utility Wildfire PSPS Area	Delineation of electric utility-identified areas that are at higher risk for a Public Safety Power Shutoff under high fire danger condition thresholds.	

Proposed List of Framework Data Elements for Future Consideration

Table 7. Proposed List of Framework Data Elements for Future Consideration

ID	Theme	Data Element for Future Consideration	Data Element Description	Justification for Recommended Changes
PR09	Addresses and Buildings	Commercial Key Assets	Locations of selected commercial buildings and other facilities.	
TR11	Addresses and Buildings	Lighthouses	Locations of lighthouses.	
PR07	Addresses and Buildings	Stadiums	Area delineation or point locations of public or private stadiums.	

ID	Theme	Data Element for Future Consideration	Data Element Description Justification for Recommended Changes	Justification for Recommended Changes
AB17	Admin Boundaries	Downtown Districts	Areas in the central business district of cities are designated by the municipality for special planning, business development, or other programs or investments.	
AB29	Admin Boundaries	Fire Management Area Zones	Program boundaries for Oregon Department of Forestry.	
AB58	Admin Boundaries	Regulated Use Zones	Areas where fire restrictions increase during fire season.	
AB69	Admin Boundaries	Special Open Burning Control Areas	Areas regulated for open burning in the Willamette Valley.	
AB54	Admin Boundaries	Unincorporated Areas	Unincorporated areas, villages, hamlets, and rural communities. Hamlets and villages have official boundaries.	
AB79	Admin Boundaries	Urban Reserve Areas	Areas designated by local governments outside the Urban Growth Boundary to ensure a supply of land for urbanization.	
AB83	Admin Boundaries	Voting Precincts	Any of a variety of areas, such as election districts, precincts, or wards, established by local governments for purposes of conducting elections.	
BI02	Bioscience	Aquatic Habitat	Freshwater habitat. 100K linear; 1:24k point	
BI09	Bioscience	Fish Stock Status	Fish stock available in local rivers and streams.	
BI10	Bioscience	Hatchery Release Locations	Locations of known hatchery release areas.	
BI11	Bioscience	Marine Species Habitat Distributions	Habitat in coastal/marine areas.	
BI12	Bioscience	Potential Vegetation	Areas delineating potential vegetation; modeled.	
BI07	Bioscience	Riparian Areas	Areas delineating extent of riparian cover adjacent to streams.	
CA11	Cadastral	Tribal Trust Lands	Lands held in trust for American Indian Tribes.	
CL06	Climate	Freeze Dates - Median Spring and Fall 32F Dates	Median last day of 32F in spring and first date of 32F in fall - used in a variety of natural resource applications.	

ID	Theme	Data Element for Future Consideration	Data Element Description Justification for Recommended Changes	Justification for Recommended Changes
CL01	Climate	NOAA Atlas 14 Extreme Precipitation Frequency/Duration	Extreme precipitation statistics, various durations and return periods - used for drainage infrastructure design.	
CL10	Climate	Soil Temperature - Monthly and Annual Normals	Mean soil temperature at the 4" (10 cm) level, monthly and annual.	
CL13	Climate	Wind Speed - Monthly and Annual Normals	Average and extreme wind speeds.	
GC02	Geodetic Control	Other Survey Control	Horizontal and/or vertical points established to support surveying or mapping projects. May be referenced to a datum and coordinate system or just locally defined (e.g., fixed point for site survey). May or may not have a physical marker.	
GS03	Geoscience	Geomorphology	Delineation of landforms following a classification scheme.	
GS04	Geoscience	Physiographic Provinces	Areas delineated by dominant physical and topographic characteristics.	
HZ02	Hazards	Avalanche Zone	Delineates areas at risk for avalanche occurrences	
XXXX	Preparedness	Emergency Response Logistics Sites	Point locations representing logistic sites that assist with emergency response activities. Dataset includes the following: Community Points of Distribution, State staging areas, Incident Support Bases and Forward Staging areas, and Fuel points of distribution.	
PR12	Preparedness	Emergency Service Zones	Areas denoting unique combination of specific fire, police, and EMS responders.	
PR10	Preparedness	Military Facilities	Location of all military bases, facilities, and operations sites.	
XXXX	Preparedness	Veterinary Facilities	Quarantine facilities, livestock/animal shelters, etc.	
PR25	Preparedness	Animal Shelters	Point locations representing active animal shelters for response activities.	New – Moved from Framework Inventory. A need has been identified, but data does not yet exist.
TR13	Transportation	Airports	Point locations of airports for representation at small scale.	

ID	Theme	Data Element for Future Consideration	Data Element Description Justification for Recommended Changes	Justification for Recommended Changes
TR10	Transportation	Heliports	Locations designated for the take-off and landing of helicopters.	
PR05	Transportation	Port Facilities (Air, Sea, River)	Detailed port facility areas, regardless of mode.	
TR09	Transportation	Ports	Point locations of ocean or river ports operated to support the loading and unloading of waterborne cargo.	
XXXX	Utilities	Communication Primary Line	Primary wire for communication distribution, including cable tv, broadband, fiber, phone line.	
XXXX	Utilities	Communication Tower	Towers used to transmit communications, including cellular, radio, microwave, etc.	
XXXX	Utilities	Drinking Water Distribution Main	Primary underground pipe used to distribute drinking water from treatment plants to service laterals.	
XXXX	Utilities	Drinking Water Distribution Service Area	Delineation of water service area.	
XXXX	Utilities	Electric Generation Facility	Electric power generation points including biogas, biomass, coal, geothermal, hydro, natural gas, nuclear, solar, wave, and wind and associated storage facilities.	
XXXX	Utilities	Electric Poles	Electric distribution poles.	
XXXX	Utilities	Electric Primary Distribution	Electric distribution line providing primary service Line from distribution substations to transformers.	
XXXX	Utilities	Electric Substations	Electric transmission and distribution substations.	
XXXX	Utilities	Electric Utility Service Areas	Delineation of electric distribution service area.	
XXXX	Utilities	Natural Gas Service Areas	Delineation of natural gas service area.	
XXXX	Utilities	Natural Gas Transmission Pipelines	Natural gas transmission pipeline transporting natural gas from production and processing areas to storage facilities and distribution centers.	

ID	Theme	Data Element for Future Consideration	Data Element Description Justification for Recommended Changes	Justification for Recommended Changes
XXXX	Utilities	Petroleum Transmission Pipelines	Petroleum transmission pipeline transporting crude oil from gathering systems to refining, processing, or storage facilities or transporting refined petroleum products to customers, for use or for further distribution.	
XXXX	Utilities	Stormwater Main Line	Primary underground storm drainpipe used to transport runoff from laterals to outfall or treatment facility.	
XXXX	Utilities	Wastewater Main Line	Primary underground sewer pipe used to transport wastewater from service laterals to treatment facility.	
XXXX	Utilities	Wastewater Service Area	Delineation of wastewater service area.	