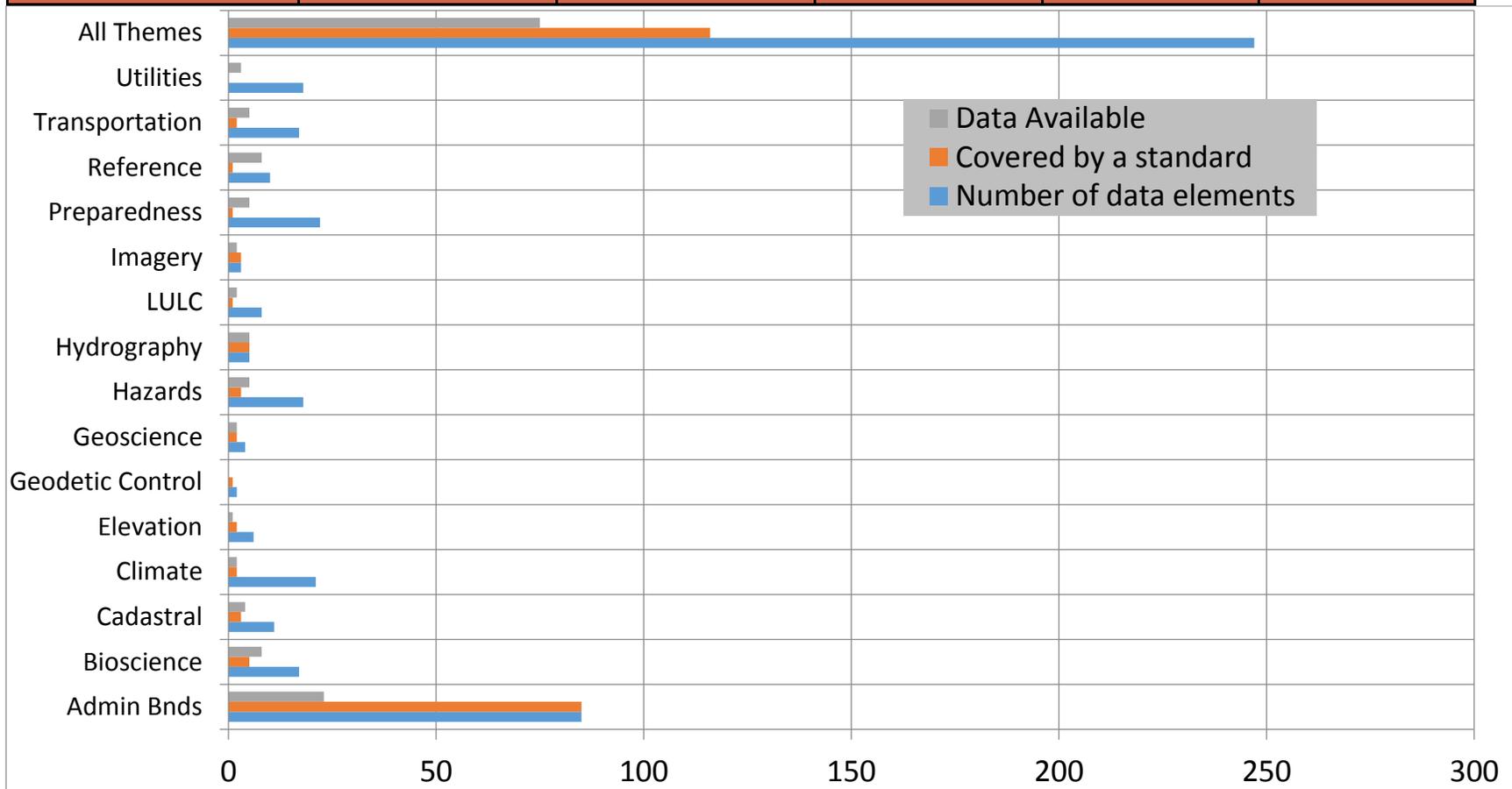


Oregon Framework Program Status: February 2015

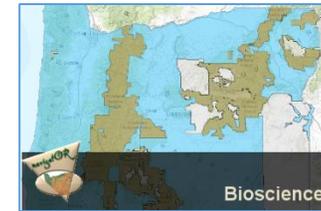
Bob DenOuden, DAS GEO Framework Coordinator

Data elements	Elements covered by a <u>standard</u>	Data available from OSDL	Data available from GEO alphalist	Data available as ArcGIS service	Data available from <u>any</u> DAS source
247	116	64	49	37	75
	47%	26%	20%	15%	30%



THEME: Bioscience

Data Elements:	17
Elements covered by an OGIC Endorsed Standard:	5
Available on OSDL:	8
Available on alphalist:	3
Available through ArcGIS Server	1
Total available datasets:	8
Stewardship agreements	0
Most recent FIT team meeting:	12/10/2014 (fish habitat distribution data standard workgroup)



Summary: In 2014, as a result of continued review of available GIS data, it was noted that two additional bioscience framework data elements are available on the Oregon Spatial Data Library, bringing the total to seven (out of 17 total elements). While the Bioscience FIT did not meet as a group in 2014, the fish habitat distribution data workgroup became active in their efforts to update their data standard, meeting in December and planning an amendment to the data standard for early 2015.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Bioscience	anadromous fish abundance	event attribute of watercourses					H
Bioscience	anadromous fish habitat distributions	event attribute of watercourses	Fish Habitat Distribution Standard	yes			VH
Bioscience	aquatic habitat	Freshwater habitat. 100K linear; 1:24k point		yes			H
Bioscience	aquatic species & ranges	Occurrences are points based on sightings; fish habitat distribution is linear based on professional judgment.					H
Bioscience	existing vegetation	Existing vegetation includes current species, ranges, communities, structure. Supports PNW ReGAP, LandFire, Risk Assessment, and the Oregon Forest Assessment.	Land Cover Standard	yes			H
Bioscience	fish passage barriers	fish passage inventory preparatory to enterprise info system for fish health	Fish Passage Barrier Standard	yes	yes		H
Bioscience	fish stock status	Event attribute of watercourses.					L
Bioscience	hatchery release locations	Event attribute of watercourses.					L
Bioscience	historic vegetation	Distribution of historic (pre-European settlement) vegetation. Includes species ranges, communities, structure.		yes	yes		L
Bioscience	marine species habitat distributions	Habitat in coastal areas.					H
Bioscience	potential vegetation	Areas delineating potential vegetation; modeled.					L

Bioscience	riparian areas	Areas delineating extent of riparian cover adjacent to streams.						VH
Bioscience	seed zones	Currently, conifer seed zones. Efforts underway to broaden types of vegetation included.						L
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						H
Bioscience	wetlands, LWI	Local wetlands inventories	Wetland Mapping Standard	yes				VH
Bioscience	wetlands, NWI	1:24k distribution of wetlands, classified by wetland type (Cowardin, national standard), by HGM (HydroGeoMorphic type, national standard), and by vegetation type (NVC, Ecological System, national standard).	Wetland Mapping Standard	yes	yes		yes	VH
Bioscience	wildlife habitat distribution	All vertebrate species mapped to 6th field HUC. Habitat suitability modeled to 30-meter pixel. Detailed modeling for select species.						H

THEME: Administrative Boundaries

Data Elements:	85
Elements covered by an OGIC Endorsed Standard:	85
Workgroups within theme:	5 (only one, planning, is active)
Available on OSDL:	21
Available on alphalist:	11
Available through ArcGIS Server	9
Total available datasets:	23
Stewardship agreements:	1- UGB boundaries
Most recent FIT team meeting:	11/20/14 (Planning WG last met 3/4/14)



Summary: This FIT was quite active in 2014. The planning workgroup met three times and the full FIT met twice; once in February and again in November. Accomplishments for the year include the completion, and OGIC endorsement, of a zoning extension for the administrative boundaries data standard as well as a stewardship plan for UGB boundaries. The admin boundaries FIT also reviewed their data elements list, resulting in the removal of six elements deemed to be either redundant or no longer relevant as well as some renaming of elements for better consistency. We are making progress in publishing administrative boundaries data elements on the OSDL with nine additional elements added since the last review. Another area of activity for the FIT was in a renewed effort to synthesize a large number of boundaries that are taxing districts through the use of Department of Revenue tax code area boundaries, part of the ORMAP standard. The FIT is still evaluating the potential of this method to serve as source for a large number of data elements in the future.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Admin Bnds	agricultural water quality mgmt program bnds	Agency program boundaries	Administrative Boundary Standard				L
Admin Bnds	air quality maintenance areas	Airsheds in maintenance monitoring status for a specific pollutant.	Administrative Boundary Standard	yes			L
Admin Bnds	American Indian Reservations	Area encompassing the variety of land ownerships & management for a particular tribe.	Administrative Boundary Standard				H
Admin Bnds	area commissions on transportation	Areas delineating regional transportation planning commissions comprised of various government agencies and tribes.	Administrative Boundary Standard	yes			M
Admin Bnds	cemetery maintenance districts	Taxing districts for cemetery maintenance	Administrative Boundary Standard				L
Admin Bnds	city & county comprehensive plan designations	The extent of the area affected by local government comprehensive plans.	Administrative Boundary Standard				L
Admin Bnds	city limits	Boundary of the incorporated area for a municipality	Administrative Boundary Standard	yes	yes	yes	H

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on AlphaList	Available as web service	Priority
Admin Bnds	coastal zone boundary	Area west of the spine of the Coast Range (verify).	Administrative Boundary Standard			yes	L
Admin Bnds	community college districts	Taxing district defining area served by a particular community college	Administrative Boundary Standard				H
Admin Bnds	council of governments boundaries	Area enclosing extent of regional government.	Administrative Boundary Standard				L
Admin Bnds	county boundaries - OR	Legal boundary of Oregon's 36 counties.	Administrative Boundary Standard	yes	yes	yes	H
Admin Bnds	county road districts	Taxing district for the construction and maintenance of county road systems.	Administrative Boundary Standard				M
Admin Bnds	designated scenic areas (state)	Areas designated as scenic areas by Oregon	Administrative Boundary Standard				L
Admin Bnds	development districts	Areas designated locally which are developed to achieve certain policy goals.	Administrative Boundary Standard				L
Admin Bnds	domestic water supply districts	Taxing district	Administrative Boundary Standard				H
Admin Bnds	downtown districts	Areas in the central business district of cities designated by the municipality for special planning, business development, or other programs or investments.	Administrative Boundary Standard				L
Admin Bnds	drainage districts	Taxing district	Administrative Boundary Standard				H
Admin Bnds	drinking water protection areas	Sources areas for surface water intakes	Administrative Boundary Standard		yes		L
Admin Bnds	education service districts	Taxing districts representing a collection of school districts served by a central source for certain education services.	Administrative Boundary Standard	yes			H
Admin Bnds	election districts - federal	The boundaries of the federal Congressional districts.	Administrative Boundary Standard	yes	yes	yes	H
Admin Bnds	election districts - local	The boundaries of districts for election of local officials, such as judges, and members of city or county councils or commissions.	Administrative Boundary Standard				L
Admin Bnds	election districts - state	The boundaries of state legislative districts (State House and Senate).	Administrative Boundary Standard	yes	yes	yes	H
Admin Bnds	emergency communications districts	Taxing districts	Administrative Boundary Standard				H
Admin Bnds	employment regions	Areas delineated by OED.	Administrative Boundary Standard	yes			M
Admin Bnds	enterprise zone boundaries	Special economic areas eligible for certain financial mechanisms; approved by OECDD.	Administrative Boundary Standard				L
Admin Bnds	federal agency organizational boundaries	Boundaries of defined districts or regions delineated for the administrative operations of federal agencies.	Administrative Boundary Standard				M
Admin Bnds	federal urban transportation boundaries	Areas designated by federal transportation agencies.	Administrative Boundary Standard				L

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on AlphaList	Available as web service	Priority
Admin Bnds	fire management area zones	Program bnds for ODF	Administrative Boundary Standard				L
Admin Bnds	fish management districts	Program bnds for fish agencies	Administrative Boundary Standard				L
Admin Bnds	forest protection districts	Taxing district	Administrative Boundary Standard	yes			VH
Admin Bnds	geothermal heating districts	Taxing districts for maintenance and operation of geothermal heating systems.	Administrative Boundary Standard				L
Admin Bnds	greenways	Recreation areas along stream corridors.	Administrative Boundary Standard				L
Admin Bnds	groundwater management areas	Program bnds for groundwater mgmt	Administrative Boundary Standard	yes			M
Admin Bnds	groundwater restricted areas	Program bnds for groundwater mgmt	Administrative Boundary Standard				L
Admin Bnds	health districts	Taxing district for providing public health services, including ambulance service	Administrative Boundary Standard				H
Admin Bnds	highway lighting districts	Taxing districts to support highway lighting.	Administrative Boundary Standard				L
Admin Bnds	irrigation districts	Taxing district for providing irrigation waters.	Administrative Boundary Standard				H
Admin Bnds	library districts	Taxing district for public libraries.	Administrative Boundary Standard				H
Admin Bnds	mass transit districts	Taxing district for transit systems and related services.	Administrative Boundary Standard				H
Admin Bnds	metropolitan service districts	Only one in Oregon--Metro.	Administrative Boundary Standard				H
Admin Bnds	MOU buffer of Indian Reservations	Buffer beyond reservation boundaries delineating hiring practices for transportation projects.	Administrative Boundary Standard				
Admin Bnds	MPO boundaries	Regional planning organization boundaries.	Administrative Boundary Standard	yes			L
Admin Bnds	national memorials, parks, scenic areas, etc.	Federal special management areas. Dup of public land mgmt/stewardship?	Administrative Boundary Standard				H
Admin Bnds	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.	Administrative Boundary Standard				M
Admin Bnds	natural hazard regions	Eight regions along county lines for natural hazards risk planning and assessment	Administrative Boundary Standard				H
Admin Bnds	neighborhood associations	Neighborhood groups organized for local action and projects. Usually registered with the city where located, having officers, bylaws, and regular meetings.	Administrative Boundary Standard				L
Admin Bnds	oil spill geographic response areas	Program bnd	Administrative Boundary Standard				M
Admin Bnds	open burning control areas	areas delineated for open burning	Administrative Boundary Standard				

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Admin Bnds	park and recreation districts	Taxing district	Administrative Boundary Standard				H
Admin Bnds	peoples utility districts	Taxing district	Administrative Boundary Standard				H
Admin Bnds	places	Unincorporated areas, villages, hamets and rural communities. Hamlets and villages have official boundaries.	Administrative Boundary Standard				L
Admin Bnds	port districts	Taxing district	Administrative Boundary Standard				H
Admin Bnds	port hospital districts	Taxing districts to support port hospitals.	Administrative Boundary Standard				L
Admin Bnds	regulated use zones	Areas where fire restrictions increase during fire season.	Administrative Boundary Standard				L
Admin Bnds	road assessment districts	Taxing districts for construction and maintenance of roads.	Administrative Boundary Standard				L
Admin Bnds	roadless areas	Areas in national forests that are relatively undeveloped.	Administrative Boundary Standard				L
Admin Bnds	rural fire protection districts	Taxing districts for funding rural fire protection activities.	Administrative Boundary Standard	yes			H
Admin Bnds	salmon trout enhancement program districts	Program boundaries for species recovery efforts.	Administrative Boundary Standard				M
Admin Bnds	sanitary districts	Taxing district for the provision of sanitary sewer services.	Administrative Boundary Standard				H
Admin Bnds	school districts	Taxing districts delineating collection of schools with central governance and administration.	Administrative Boundary Standard	yes	yes	yes	H
Admin Bnds	service districts	These are taxing districts which are defined locally for a variety of purposes, including ambulance and fire districts.	Administrative Boundary Standard				H
Admin Bnds	shellfish management program areas	Areas designated under the Shellfish Management Program.	Administrative Boundary Standard				L
Admin Bnds	soil & water conservation districts	Taxing district for conservation activities related to agricultural practices.	Administrative Boundary Standard				H
Admin Bnds	soil water conservation district zones	Delineates election zones within each soil water conservation district	Administrative Boundary Standard				
Admin Bnds	special road districts	Taxing districts to support construction and maintenance of road systems.	Administrative Boundary Standard				L
Admin Bnds	state agency administrative subdivisions	Administrative subdivisions of state agencies, including regions, districts, basins, etc.	Administrative Boundary Standard				L
Admin Bnds	state boundary	Official boundary of the State of Oregon.	Administrative Boundary Standard	yes	yes	yes	H
Admin Bnds	state forest boundaries	Boundaries that encompass state forests managed by ODF.	Administrative Boundary Standard	yes			H

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Admin Bnds	state park boundaries	Boundaries of state parks operated by the Parks and Recreation Dept.	Administrative Boundary Standard	yes	yes	yes	H
Admin Bnds	translator districts	Taxing districts for media translators.	Administrative Boundary Standard				L
Admin Bnds	transportation districts	Taxing districts, include mass transit districts (ODOT)	Administrative Boundary Standard				H
Admin Bnds	Urban Growth Boundaries	Areas surrounding cities within which certain land use regulations apply.	Administrative Boundary Standard	yes	yes	yes	VH
Admin Bnds	urban renewal districts	Taxing district	Administrative Boundary Standard				H
Admin Bnds	urban reserve areas	Area designated by local governments outside the Urban Growth Boundary to insure a supply of land for urbanization.	Administrative Boundary Standard				L
Admin Bnds	vector control districts	Taxing districts for disease-agent management services, such as mosquito abatement.	Administrative Boundary Standard				H
Admin Bnds	vegetation line (coastal)	Vegetation Lines define taxable lands along the coast. Land seaward of the line is exempt from taxation but improvements are taxable	Administrative Boundary Standard				L
Admin Bnds	vehicle inspection areas	Areas over which vehicle inspections regulations apply.	Administrative Boundary Standard	yes			L
Admin Bnds	voting precincts	The boundaries of local voting areas within which a polling place is located for eligible voters living within each precinct.	Administrative Boundary Standard				H
Admin Bnds	water control districts	Taxing districts for acquiring, constructing, improving, operating and maintaining drainage, irrigation, and flood and surface water control works in order to prevent flooding, to improve agricultural and other uses of lands, and to improve public health, welfare and safety.	Administrative Boundary Standard				H
Admin Bnds	water improvement districts	Taxing districts for acquiring constructing, improving, operating and maintaining drainage, irrigation, and flood and surface water control works in order to prevent flooding, to improve agricultural and other uses of lands and waters, to improve public health, welfare and safety, to provide domestic or municipal and industrial water supply, to provide water-related recreation and for enhancing water pollution control, water quality, and fish and wildlife resources.	Administrative Boundary Standard				H
Admin Bnds	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.	Administrative Boundary Standard	yes	yes		H
Admin Bnds	weather modification districts	Taxing districts to support weather modification activities	Administrative Boundary Standard				L
Admin Bnds	wilderness areas	Congressionally designated wilderness areas	Administrative Boundary Standard	yes			VH
Admin Bnds	wildlife management units	Hunt unit boundaries.	Administrative Boundary Standard				M

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on AlphaList	Available as web service	Priority
Admin Bnds	zoning (all lands)	Areas defined by a local jurisdiction which define acceptable types of development. Includes UGBs.	Administrative Boundary Standard	yes	yes		L

THEME: Cadastral

Data Elements: 11
 Elements covered by an OGIC endorsed standard: 3
 Available on OSDL: 4
 Available on alphalist: 4
 Available through ArcGIS Server: 4
 Total available datasets: 4
 Stewardship agreements: 0
 Most recent FIT team meeting: 10/23/13 (ORMAP Tech Group)



Summary: Although no progress was made during the past year toward the goal of publishing cadastral FIT data elements to OSDL, progress continued to be made in making additional county level taxlot datasets available to state agency staff. We now have 29 out of 36 counties submitting data to DOR to be shared with state agencies through GEO. The FIT funded project to create a government corner data standards and dataset, which was to be completed by January, 2015, has been stalled and a revised scope for this project is currently pending.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Cadastral	assessor's map boundaries	Area covered by each assessor's map					M
Cadastral	Donation Land Claims	Areas of land given by the federal government to western settlers.		yes	yes	yes	L
Cadastral	GCDB	The Geographic Coordinate Data Base (GCDB) is a digital coordinate-based representation of the Public Land Survey System (PLSS). GCDB coordinates portray the legal land parcels of the PLSS and tie land description, records, parcel information, and resource data to positions on the ground.					M
Cadastral	PLSS	A single, published coordinate pair for corner positions; may include lines depicting Public Land Survey System (PLSS) boundaries for Townships, Ranges, and Sections.		yes	yes	yes	VH
Cadastral	public lands ownership	Parcels of land owned by federal, state, or local government agencies.		yes	yes	yes	H
Cadastral	real property table	Attribute data about parcel ownership, address, and tax-related information.	Cadastral Data Exchange Standard				H
Cadastral	state-owned lands	Boundaries of state-owned properties with associated ownership info.		yes	yes	yes	H
Cadastral	subdivision plat maps	Image of plat map showing subdivisions with blocks and lots.					L

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on AlphaList	Available as web service	Priority
Cadastral	tax codes	Areas encompassing multiple tax lots which have the same combination of taxing districts and therefore the same tax rate.	Cadastral Data Exchange Standard				H
Cadastral	tax lots	Taxlots defined by counties (and recognized by DOR) and defined on real property tax rolls with a unique ID.	Cadastral Data Exchange Standard				VH
Cadastral	Tribal Trust Lands	Lands held in trust for AI tribes					H

THEME: Climate

Data Elements:	21
Elements covered by an OGIC endorsed standard:	2
Available on OSDL:	2
Available on alphalist:	0
Available through ArcGIS Server	0
Total available datasets:	2
Stewardship agreements:	0
Most recent FIT team meeting:	2003?



Summary: Chris Daly (Program Manager for the PRISM program at OSU) took over the role of chair for the Climate FIT in early 2014. The current climate data on OSDL consists of monthly temperature and precipitation means from 1981-2010 provided by PRISM.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Climate	cloud cover - monthly average						L
Climate	commercial datasets	27 datasets for aspects of precipitation, extreme temperature, humidity, degree days, snow, hot/cold days and freeze dates.					L
Climate	fog occurrence in western Oregon	Frequency of 1) heavy fog and 2) stratus					L
Climate	length of growing season	Median length of period between last 32F temperature in spring and first date in fall					L
Climate	precipitation - 100-year	1-, 2-, 3-, 4-, and 5-day totals					M
Climate	precipitation - 24-hour intensity	2-, 5-, 10-, 25-, 50- and 100-year return periods.					L
Climate	precipitation - historic daily	1948-current daily precipitation					L
Climate	precipitation - historic monthly	1895-current monthly total precipitation					H
Climate	precipitation - mean monthly & annual		Climate Data Standard	yes			M
Climate	snow water equivalent	Water content in snow					M
Climate	snowfall - monthly & annual	Total snowfall combined for all days in month/year.					M
Climate	soil freeze depth	Average depth to which soil frozen.					L

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Climate	soil temperature	2", 4", 8" levels					L
Climate	solar radiation - monthly average	Total solar radiation.					L
Climate	temperature - annual minimum	Average of coldest day of year					L
Climate	temperature - historic daily	1948-current daily maximum and minimum temperature					M
Climate	temperature - historic monthly max & min	1895-current monthly average maximum and minimum temperature.					M
Climate	temperature - median first/last 28 deg F dates	2 datasets - last day in spring; first date in fall					L
Climate	temperature - monthly mean min & max	2 datasets - 1971-2000 (single months)	Climate Data Standard	yes			M
Climate	temperature ranges						L
Climate	wind flow - monthly	Average and extreme wind speeds					L

THEME: Elevation

Data Elements:	6
Elements covered by an OGIC endorsed standard:	2
Workgroups within theme:	1 (lidar)
Available on OSDL:	1
Available on alphalist:	0
Available through ArcGIS Server	1
Total available datasets:	1
Stewardship agreements:	0
Most recent FIT team meeting:	11/19/2012

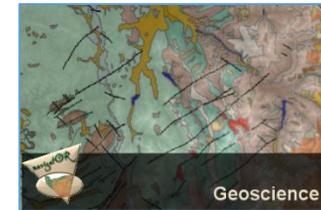


Summary: A number of the identified data elements from this theme are actually derived products from a DEM (aspect, slope, contours) so this theme might be further along than the summary suggests. The Elevation FIT was busy in 2014 with the task of preparing a statewide lidar data acquisition prioritization plan, an important component of the state's 3DEP proposal submitted through DOGAMI.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Elevation	aspect	The compass direction toward which a sloped surface is facing.					M
Elevation	bathymetry	Contours defining constant depth under surface water bodies (lakes, oceans, reservoirs)					M
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.	Terrestrial Raster Elevation Data Standard	yes		yes	H
Elevation	elevation bands	Areas of elevation bands, e.g., 0-1000, 1000-2000, etc.					M
Elevation	elevation contours	Contour intervals of constant elevation, ranging from 10' to 80'	Terrestrial Vector Elevation Data Standard				VH
Elevation	slope	The average incline of an area of the surface expressed in degrees or as a percent.					M

THEME: Geoscience

Data Elements: 4
 Elements covered by an OGIC endorsed standard: 2
 Workgroups within theme: 1 (soils)
 Available on OSDL: 1
 Available on alphalist: 2
 Available through ArcGIS Server: 0
 Total available datasets: 2
 Stewardship agreements: 0
 Most recent FIT team meeting: 4/16/2007(?)



Summary: The Oregon Geologic Data Compilation has been the primary accomplishment of this FIT. Led by NRCS, work was re-started on a statewide soils data element in spring of 2014.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Geoscience	geology	Compilation of existing geologic mapping: includes bedrock type or unconsolidated deposits at/near the surface, age, lithologic description	Geology Data Standard	yes	yes		H
Geoscience	geomorphology	Delineation of landforms following a classification scheme.					L
Geoscience	physiographic provinces	Areas delineated by dominant physical and topographic characteristics.					L
Geoscience	soils	Detailed soil units from Soils Surveys covering nonfederal land conducted by the U.S. Natural Resource Conservation Service (NRCS) that differentiates mapped units on the basis of a range of physical, topographic, and chemical properties.	Soil Geographic Data Standard		yes		H

THEME: Geodetic Control

Data Elements: 2
 Elements covered by an OGIC endorsed standard: 1
 Available on OSDL: 0
 Available on alphalist: 0
 Available through ArcGIS Server: 0
 Total available datasets: 0
 Stewardship agreements: 0
 Most recent FIT team meeting: unknown

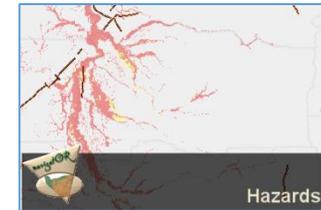


Summary: This FIT was not active in 2014.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Geodetic Control	geodetic control points	Monumented points randomly located but also objects such as lighthouses, masts & church spires. These are then used to locate section corners and meander lines. Focus is now on active control points (CORS).	Geodetic Control Data Content Standard				VH
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.					M

THEME: Hazards

Data Elements:	18
Elements covered by an OGIC endorsed standard:	3
Available on OSDL:	5
Available on alphalist:	5
Available through ArcGIS Server	3
Total available datasets:	5
Stewardship agreements:	0
Most recent FIT team meeting:	11/25/14



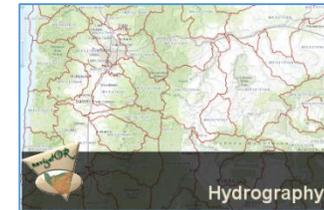
Summary: The Hazards FIT met twice in 2014. In the fall, Steve Lucker of DLCD took over as FIT chair, replacing Ian Madin (DOGAMI) who had become too busy to lead multiple FITs. At their most recent meeting, the Hazards FIT members agreed to add three new data elements to the data theme.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Hazards	Channel Migration Zone	Area along a stream channel that is susceptible to movement of the stream channel over time					
Hazards	Naturally Occurring Hazardous Materials	The label of naturally occurring hazardous material (NOHM) is given to certain elements, minerals, and materials of a varied geologic nature, e.g., coal, acid mine drainage, etc., found in natural deposits or as contaminants that could have consequences on the well-being of those exposed to these earthy materials.					
Hazards	Abandoned Mine Locations	Point locations of known abandoned mining operations					
Hazards	avalanche zone	Delineates areas at risk for avalanche occurrences					M
Hazards	coastal erosion areas	Delineates areas at risk for erosion within the coastal zone; site specific data does not cover entire coast.					H
Hazards	debris flow hazard zone	Delineates areas at risk for debris flow occurrences. *ODF Soils [statewide?, what is this? Add to geoscience theme?]	Landslide Data Standard				L
Hazards	drought areas	Delineates areas at risk for drought.					M
Hazards	dust storm occurrence	Locations of dust storms.					L
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.					H

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on AlphaList	Available as web service	Priority
Hazards	flood zones	Delineates areas at risk for flood occurrence at certain probability intervals, according to FEMA standards under the map modernization program.	Floodplain Data Exchange Standard	yes	yes	yes	VH
Hazards	inundation areas	Areas of historic flooding; 3 types LOMRevision (areas flagged as changes to model pending official adoption); LOMRev - Fill - Owners filled parcel above the flood depth - pending removal from flood zone; LOM Amendment (points) Bldg or part of parcel noted to be above flood depth but never adopted because area too small.		yes	yes	yes	VH
Hazards	landslide zones	Delineates areas at risk for all types of landslides.	Landslide Data Standard	yes	yes		H
Hazards	Letters of Map Change (LOMC)	Evidence of map changes that occur between updates of the FIRM maps.					VH
Hazards	tsunami inundation zone	Delineates areas at risk for impacts from tsunami occurrences. These are part of statute (S.B. 379) and do not change with better data.		yes	yes	yes	H
Hazards	volcano hazard	Delineates areas at risk for impacts from volcanic eruptions.					M
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.		yes	yes		VH
Hazards	windstorm hazard	Delineates areas at risk for windstorm occurrence.					L
Hazards	winter storm hazard	Delineates areas at risk for winter storm occurrence.					L

THEME: Hydrography

Data Elements: 5
 Elements covered by an OGIC endorsed standard: 5
 Available on OSDL: 5
 Available on alphalist: 5
 Available through ArcGIS Server: 5
 Total available datasets: 5
 Stewardship agreements: 1 (through Pacific Northwest Hydro Framework)
 Most recent FIT team meeting: 10/8/2014



Summary: This FIT met once during to year. Data development is essentially complete, leaving stewardship activities as the major focus of work. There remains significant work to be done, largely within other FIT themes, in transitioning data reference to the old LLID whole stream route system to the NHD system.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Hydrography	Watershed Boundary Dataset (WBD; formerly hydrologic units); 2 through 12-digit (formerly referred to as 1st-6th field)	Areas delineating watersheds defined by drainage divides. WBD delineation follows a standard defined by the U.S. Geological Survey (USGS) and Natural Resource Conservation Service (NRCS).	Oregon Hydrography Data Standard, 2.0	yes	yes	yes	M
Hydrography	NHD areas & water bodies	All lakes, ponds, double-banked streams and other water bodies best represented as an area.	Oregon Hydrography Data Standard, 2.0	yes	yes	yes	H
Hydrography	NHD points	Springs, dams, wells, and other surface water features best represented by points.	Oregon Hydrography Data Standard, 2.0	yes	yes	yes	M
Hydrography	NHD flow lines	Natural and manmade channels of water flow (rivers, streams, creek, canals) regardless of flow regime.	Oregon Hydrography Data Standard, 2.0	yes	yes	yes	H
Hydrography	water & monitoring wells	Currently maintained outside of NHD.	Oregon Water & Monitoring Well Data Standard, 1.1	no	no	Yes (online from OWRD)	M

THEME: Land Use/Land Cover

Data Elements:	8
Elements covered by an OGIC endorsed standard:	1
Available on OSDL:	2
Available on alphalist:	2
Available through ArcGIS Server	1
Total available datasets:	2
Stewardship agreements:	0
Most recent FIT team meeting:	Unknown



Summary: In 2014 we removed one of the LULC data elements that was deemed to be a duplicate of an existing element in the administrative boundaries theme (non UGB zoning). This FIT was not active during the year.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
LULC	historic sites	Buildings or sites of historic significance that have a federal, state, or local designation.					H
LULC	land use	Characterization of the human use of land through the assignment of a land use classification for local parcels.					H
LULC	land use land cover - general	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. Update the 1990s NLCD effort?	Land Cover Standard				M
LULC	public land management / stewardship	Areas managed for fish, wildlife, conservation, wilderness, watershed conservation, or other land designations.		yes	yes	yes	M
LULC	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.					M
LULC	archaeological sites	Locations of subsurface artifacts.					H
LULC	cemeteries	Point locations or area delineations of public or private cemetery.					L
LULC	ecoregions	Modeled areas based on vegetation, elevation and other factors using Omernick's approach.		yes	yes		L

THEME: Orthoimagery

Data Elements:	3
Elements covered by an OGIC endorsed standard:	3
Available on OSDL:	1
Available on alphalist:	1
Available through ArcGIS Server	3
Total available datasets:	3
Stewardship agreements:	0
Most recent FIT team meeting:	9/18/2014

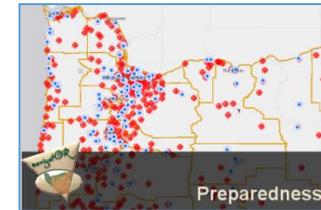


Summary: This FIT met once during the year. Most of the activity of the FIT was focused on the availability of Oregon's 2014 NAIP imagery and the relocation of imagery data from the Amazon Cloud to the State Data Center by GEO.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Orthoimagery	.5-meter DOQs	2005 orthorectified imagery derived from scanned aerial photography or digital aerial camera. Pixel resolution of .5 meters.	Content Standards for Digital Orthoimagery	imagery explorer			VH
Orthoimagery	1-meter DOQs	2000-01 orthorectified imagery derived from scanned aerial photography or digital aerial camera. Pixel resolution of 1 meter.	Content Standards for Digital Orthoimagery	imagery explorer	yes		H
Orthoimagery	30-meter DOQs	Mid 1990's set of orthoimages.	Content Standards for Digital Orthoimagery				L

THEME: Preparedness

Data Elements: 22
 Elements covered by an OGIC endorsed standard: 1
 Workgroups within theme: 2
 Available on OSDL: 4
 Available on alphalist: 5
 Available through ArcGIS Server: 3
 Total available datasets: 5
 Stewardship agreements: 1 (structures and places)
 Most recent FIT team meeting: 10/22/2014



Summary: The Preparedness FIT met twice during 2014. The focus of this FIT remains the completion, by May, 2015, of the Preparedness Data Catalog project, which will result in a significant enhancement to the data available from this theme.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Preparedness	address points	Point locations indicating the location of a site address. The location is defined based on mapping rules for a particular project (may be a tax lot centroid, building centroid, building entrance, or other defined location) .	Geospatial Data Addressing Standard				VH
Preparedness	cities	Point locations of municipalities representing the approximate geographic center of the municipality for presentation at small scale.					M
Preparedness	commercial key assets	Locations of selected commercial buildings and other facilities.					M
Preparedness	correctional facilities	Location of all correctional facilities, including work release centers and other "in-community" facilities.			yes	yes	VH
Preparedness	dam facilities	Locations of dams and related facilities.		yes	yes		VH
Preparedness	emergency facilities	Facilities such as Emergency Operation Centers, PSAPs, shelters, supply points, and other sites that support the management of events during emergency operations.		yes	yes	yes	H
Preparedness	emergency reference data stations	Locations of weather stations, flood gauges, lat/long grid for helicopters.					L
Preparedness	emergency service zones	Areas denoting unique combination of specific fire, police and EMS responders.					VH
Preparedness	evacuation routes	Designated routes to be followed by citizens when evacuating areas in the case of an emergency.					VH
Preparedness	hazardous materials sites	Location of hazardous materials sites					VH
Preparedness	health care facilities	Point locations of all types of health care facilities, including hospitals, medical clinics, nursing homes, and even veterinary clinics.		yes	yes	yes	VH
Preparedness	military facilities	Location of all military bases, facilities, and operations sites.					M

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Preparedness	monuments/icons	Locations of monuments or iconic structures that may require custom protection measures.					H
Preparedness	port facilities (air, sea, river)	Detailed port facility areas, regardless of mode.					VH
Preparedness	public bldg footprints	Buildings owned by federal, state, or local government agencies					VH
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.					H
Preparedness	public safety station locations	Office/station locations for police, sheriff, fire, emergency medical organizations, state police post locations, and locations of other public safety organizations.					VH
Preparedness	rail facilities	Detailed rail facilities, including maintenance yards, depots, switching yards, etc.					M
Preparedness	schools	Locations of public and private schools at all levels.		yes	yes		H
Preparedness	stadiums	Area delineation or point locations of public or private stadiums.					H
Preparedness	state police post boundaries	Boundaries of areas for State Police operations and response.					H
Preparedness	wildfire-related facilities	Facilities for wildfire monitoring and protection including lookout towers, supply locations, etc.					M

THEME: Reference

Data Elements:	10
Elements covered by an OGIC endorsed standard:	1
Available on OSDL:	6
Available on alphalist:	6
Available through ArcGIS Server	4
Total available datasets:	8
Stewardship agreements:	0
Most recent FIT team meeting:	NA



Summary: Primary efforts in this FIT during 2014 were the re-activation of a metadata workgroup and the revision of the Oregon metadata standard. That work will likely be completed in 2015.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Reference	census 2000 geographies	groups, tracts and others, defined by the U.S. Census Bureau. Demographic data collected by the Census Bureau are associated with the block groups and tracts.		yes	yes		H
Reference	coordinate systems	Parameters and metadata of coordinate systems used in Oregon.	Coordinate Reference System Standard	yes	yes		H
Reference	county boundaries - WA, CA, ID, NV	County boundaries of neighboring states.		yes	yes	yes	L
Reference	demographic data	Population data (income, education, housing type, ethnicity, etc.) aggregated by defined enumeration areas. This includes decennial Census data from the Census Bureau, demographic data collected from other surveys, or population projections (State Data Center).				yes	M
Reference	DRGs	Scanned USGS topographic maps.			yes	yes	M
Reference	GNIS points	Point features that are included in the USGS GNIS database. Includes points with place names taken from the USGS topographic quad maps.		yes	yes	yes	M
Reference	indices	Spatial representations showing status and tiling of various datasets.					M
Reference	quadrangle boundaries	Quad boundaries for 3 mapping scales		yes	yes		M
Reference	time zone boundary	Line delineating Pacific from Mountain time.					L
Reference	zipcode boundaries	Areas delineating addresses assigned to each USPS zipcode.		yes			H

THEME: Transportation

Data Elements (2007 list):	17
Elements covered by an OGIC endorsed standard:	2
Workgroups within theme:	2
Available on OSDL:	5
Available on alphalist:	4
Available through ArcGIS Server	4
Total available datasets:	5
Stewardship agreements:	0
Most recent FIT team meeting:	2/5/2014



Summary: The road centerline data standard was amended during 2014 in order to remove some outdated language and references to obsolete technology. Transportation FIT met once during the year, in conjunction with the February Framework Forum.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Transportation	address ranges	High and low addresses representing ranges on right and left side of each block of street.	Road Centerline Data Standard	yes	yes	yes	VH
Transportation	airports	Point locations of airports for representation at small scale.					H
Transportation	bridges	Structures for roads crossing over water bodies, topographic obstacles or other obstructions. Structures that cross over roads, such as railroad or pedestrian crossings.		yes			H
Transportation	cablecars and chairlifts	Suspended aerial short-distance transportation lines, such as ski lifts?? Search results indicate chairlifts are disability accommodations found along stairways.					L
Transportation	culverts	Structures constructed along side or under roads for drainage control associated with roads.					H
Transportation	heliports	Locations designated for the take-off and landing of helicopters.					H
Transportation	lighthouses	Locations of lighthouses.					L
Transportation	milepoints	Milepoints on state hwys are collected using the distance measure instrument from the beginning of the hwy and when features intersect or happen on the hwy, including milepost paddles. The milepoint is cataloged and put into event tables that are dy seg'd to the highway system. Local roads may use similar methods.					VH
Transportation	mileposts	Locations of milepost paddles. Some milepost may be missing; some are not located precisely at one-mile intervals.		yes	yes	yes	VH
Transportation	navigation hazards	Buildings or structures that may present a hazard to airplanes during landing or takeoff.					M
Transportation	ports	Point locations of ocean or river ports operated to support the loading and unloading of waterborne cargo.					M

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Transportation	railroads	Centerlines of railroad tracks.		yes	yes	yes	H
Transportation	road centerlines	Centerlines includes all city, county, state and federal roads by 2006. Private and trans features other than roads (trails, jeep trails, airports etc) will come after that, but we are coordinating with OEM to get this done. Includes address ranges.	Road Centerline Data Standard	yes	yes	yes	VH
Transportation	trails	All trails maintained by federal, state, and local authorities and non-governmental groups or just some? It depends. Most trails are depicted in the BLM GTRN layer but this layer is based on DLGs up to 30 years old. FS may have updated trails data on some popular trails.					M
Transportation	transportation structures	Structures for signage and other road-related items.					L
Transportation	VOR	Air traffic control beacons. RADAR					M

THEME: Utilities

Data Elements: 18
 Elements covered by an OGIC endorsed standard: 0
 Available on OSDL: 0
 Available on alphalist: 1
 Available through ArcGIS Server: 2
 Total available datasets: 3
 Stewardship agreements: 0
 Most recent FIT team meeting: 2011?



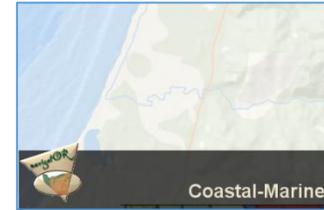
Summary: This FIT remained inactive during 2014.

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Utilities	electric distribution facilities	The facilities that form the infrastructure supporting the distribution of electrical power to individual buildings and sites. These features include poles, distribution lines, service lines, transformers, and other electric control facilities					L
Utilities	electric generation & transmission facilities	The facilities that form the infrastructure supporting the generation and transmission of electrical power. Features may include power generation plants, transmission towers, substations, and transmission lines.					VH
Utilities	gas distribution facilities	All pipelines and associated facilities for the transport of natural gas from the point of supply to customer sites. Includes such features as transmission and distribution mains, valves, fittings, meters, etc.				yes	L
Utilities	oil & gas supply and transmission facilities	The infrastructure required to extract, process, and transmit oil and gas from sites of production to sites of consumption.					H
Utilities	recycling facilities						L
Utilities	sanitary sewer treatment & collection facilities	All facilities associated with collection and treatment of wastewater. Features include treatment plants, interceptor lines, sewer mains and laterals, lift stations, manholes, etc					M
Utilities	septic systems	Locations of permitted septic systems.					L
Utilities	solid waste/transfer sites	Sanitary landfills and other waste disposal sites and transfer sites for temporary storage of waste.					L
Utilities	storm drainage basins	Areas delineated in cities draining to a certain point.					L
Utilities	storm sewer drainage & control facilities	Maintained storm sewers and drainage facilities designed to collect and control storm drainage in local areas. Includes underground storm sewers, catch basins, inlets, maintained open channels, retention ponds, etc.					L
Utilities	telecommunication facilities	All facilities supporting telecommunications, including cellular phone towers, telephone lines, and exchange boxes, as well as cable TV infrastructure.					VH
Utilities	telephone exchange areas	Delineation of telephone exchange areas, with wire service areas				yes	H

Theme	Element	Description	OGIC endorsed standard	Available on OSDL	Available on Alphalist	Available as web service	Priority
Utilities	utility easements	Areas in which recorded deeds convey certain rights for utility facility placement and use. In most cases, these involve corridors for utility lines which run outside the public right-of-way					L
Utilities	utility service areas	Geographic areas within which a public or private utility has rights or jurisdiction to serve customers. Includes service areas for water, sewer, gas, electric or other utility.					M
Utilities	water distribution facilities	All the water distribution facilities, including mains, hydrants, valves, service lines, pump stations, etc.					M
Utilities	water supply & transmission facilities	All facilities related to the supply and treatment of water from wells and reservoirs to the transmission of water (through major distribution mains) to the local distribution network.					H
Utilities	water supply watersheds	Land areas that drain into lakes & rivers used as public water supplies.			yes		M
Utilities	wireless carrier service areas	Delineation of wireless service areas					H

THEME: Coastal and Marine

Data Elements:	0
Elements covered by an OGIC endorsed standard:	
Workgroups within theme:	2 (shoreline, beach access points)
Available on OSDL:	
Available on alphalist:	
Available through ArcGIS Server	
Total available datasets:	
Stewardship agreements:	
Most recent FIT team meeting:	5/28/2014



Summary: The Coastal and Marine FIT is coupled with the Oregon Coastal and Marine Data Network group, which met in May of 2014. The framework data elements list for this theme has not yet been defined; this should be a priority action in 2015 for the Coastal and Marine FIT.

