



Designated Wilderness Spatial Data Standard



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1. GENERAL INFORMATION

Dataset (Theme) Name: Wilderness (WLD)

Dataset (Feature Classes): WLD_POLY, WLD_ARC, WLD_P_POLY, WLD_P_ARC

1.1 ROLES AND RESPONSIBILITIES

Roles	Responsibilities
State Data Steward	The State Data Steward, Jerry Magee, at 503-808-6086, is responsible for approving data standards and business rules, for developing Quality Assurance/Quality Control procedures, and ensuring that data is managed as a corporate resource. The State Data Steward coordinates with field office data stewards, the state data administrator, Geographic Information System (GIS) coordinators, and with national data stewards. The State Data Steward reviews geospatial metadata for completeness and quality.
Lead GIS Specialist	The Lead GIS Specialist, Erin Frostad, at 503-808-6524, works with data stewards to interpret business needs into GIS applications and derive data requirements and participates in the development of data standards. The Lead GIS specialist coordinates with system administrators and GIS coordinators to manage the GIS databases. The lead GIS specialist works with data editors to make sure data is being input into the enterprise Spatial Database Engine (SDE) database consistently and in accordance with the established data standard. The Lead GIS Specialist provides technical assistance and advice on GIS analysis, query and display of the dataset.
State Data Administrator	The acting State Data Administrator, Pamela Keller, at 503-808-6009, provides information management leadership, data modeling expertise, and custodianship of the state data models. The State Data Administrator ensures that defined processes for development of data standards and metadata are followed and that they are consistent and complete. The State Data Administrator is responsible for making data standards and metadata accessible to all users. The State Data Administrator coordinates with data stewards and GIS coordinators to respond to national spatial data requests.
State Records Administrator	The acting State Records Administrator, Janice Johnson, at 503-808-6430, is responsible for identifying any Privacy issues related to spatial data. The State Records Administrator also provides direction and guidance on data release and fees. The State Records Administrator assures that data has been classified under the proper records retention schedule and determine appropriate Freedom of Information Act (FOIA) category.

Table 1 Roles and Responsibilities

1.2 FOIA CATEGORY

Public

1.3 RECORDS RETENTION SCHEDULE(S)

20/52c (Geographic Information Systems)
PERMANENT

Cutoff end of fiscal year (EOFY) in which the layer is created or significantly altered by the Bureau of Land Management (BLM). Transfer copy of data to National Archives and Records Administration (NARA) at the EOFY.

1.4 SECURITY/ACCESS/SENSITIVITY

The Wilderness set of themes does not require any additional security other than that provided by the General Support System (the hardware/software infrastructure of the Oregon/Washington (OR/WA BLM).

This data is not sensitive and there are no restrictions on access to this data either from within the BLM or external to the BLM.

There are no privacy issues or concerns associated with these data themes.

2. DATASET OVERVIEW

2.1 DESCRIPTION

This Wilderness data standard contains requirements for Wilderness polygons and Wilderness lines. Wilderness Areas are designated by Congressional act and are administered in accordance with the Wilderness Act of 1964 and any special provisions of the enabling legislation.

2.2 USAGE

The Wilderness dataset is used in Environmental Assessment and Impact Statements as part of the National Environmental Policy Act (NEPA) analysis of alternatives. Activities with a large impact on Wilderness values such as energy and mineral development have more Wilderness analysis, but most activity plans must address Wilderness.

2.3 SPONSOR/AFFECTED PARTIES

The sponsor for this data set is the Deputy State Director, Resource Planning, Use and Protection. WLD is defined by the Wilderness Act of 1964 and is not specific to BLM. Matching interagency data across the landscape is necessary as some BLM wilderness areas are extensions of a wilderness area of another agency. Our non-governmental partners and the general public are affected to the extent that WLD is part of the Resource Management Plans (RMP) that determines management on BLM lands. Implementation of an RMP may preclude certain activities in certain areas either because the Wilderness Act prohibits them or because of potential impact to the wilderness resource.

2.4 RELATIONSHIP TO OTHER DATASETS

None

2.5 DATA CATEGORY/ARCHITECTURE LINK

These data themes are a portion of the Oregon Data Framework (ODF). The ODF utilizes the concept of inheritance to define specific instances of data. The ODF divides all OR/WA resource-related data into three general categories: Activities, Resources, and Boundaries. These general categories are broken into sub-categories that inherit spatial characteristics and attributes from their parent category. These sub-categories may be further broken into more specific groups until you get to a basic dataset that cannot be further sub-divided. Those basic datasets inherit all characteristics of all groups/categories above them. The basic datasets are where physical data gets populated (those groups/categories above them do not contain actual data but set parameters that all data of that type must follow).

See the ODF, Figure 2, for a simplified schematic of the entire Oregon Data Framework showing the overall organization and entity inheritance. For additional information about the ODF, contact:

Pamela Keller
OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

For Wilderness, the categories/groups that the dataset is part of are:

BLM Wilderness Polygon:

Oregon Data Framework

Boundaries

Political & Administrative

Political & Administrative Existing

WLD_POLY

BLM Wilderness Line:

Oregon Data Framework

Boundaries

Political/Administrative Special Management Area (SMA) Line

WLD_ARC

Similarly, for proposed wilderness there are two paths, one for the polygon features and one for the line (arc) features.

BLM Wilderness Proposed Polygon:

Oregon Data Framework

Boundaries

Political and Administrative

Political and Administrative Proposed

WLD_P_POLY

BLM Wilderness Proposed Line:

Oregon Data Framework

Boundaries

Political/Administrative/Special Management Area (SMA) Line
WLD_P_ARC

2.6 RELATIONSHIP TO THE DEPARTMENT OF THE INTERIOR ENTERPRISE ARCHITECTURE – DATA RESOURCE MODEL

The Department of the Interior's (DOI) Enterprise Architecture contains a component called the Data Resource Model. This model addresses the concepts of Data Sharing, Data Description, and Data Context. This data standard provides information needed to address each of those areas. Data sharing is addressed through complete documentation and simple data structures which make sharing easier. Data description is addressed through the section on Attribute Descriptions. Data context is addressed through the data organization and structure portions of this document. In addition, the DOI Data Resource Model categorizes data by use of standardized Data Subject Areas and Information Classes. For this data set, these are as follows:

Data Subject Area: Geospatial
Information Class: Location

For a complete list of all DOI Data Subject Areas and Information Classes, contact:

Pamela Keller
OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

2.7 WILDERNESS DATA ORGANIZATION STRUCTURE

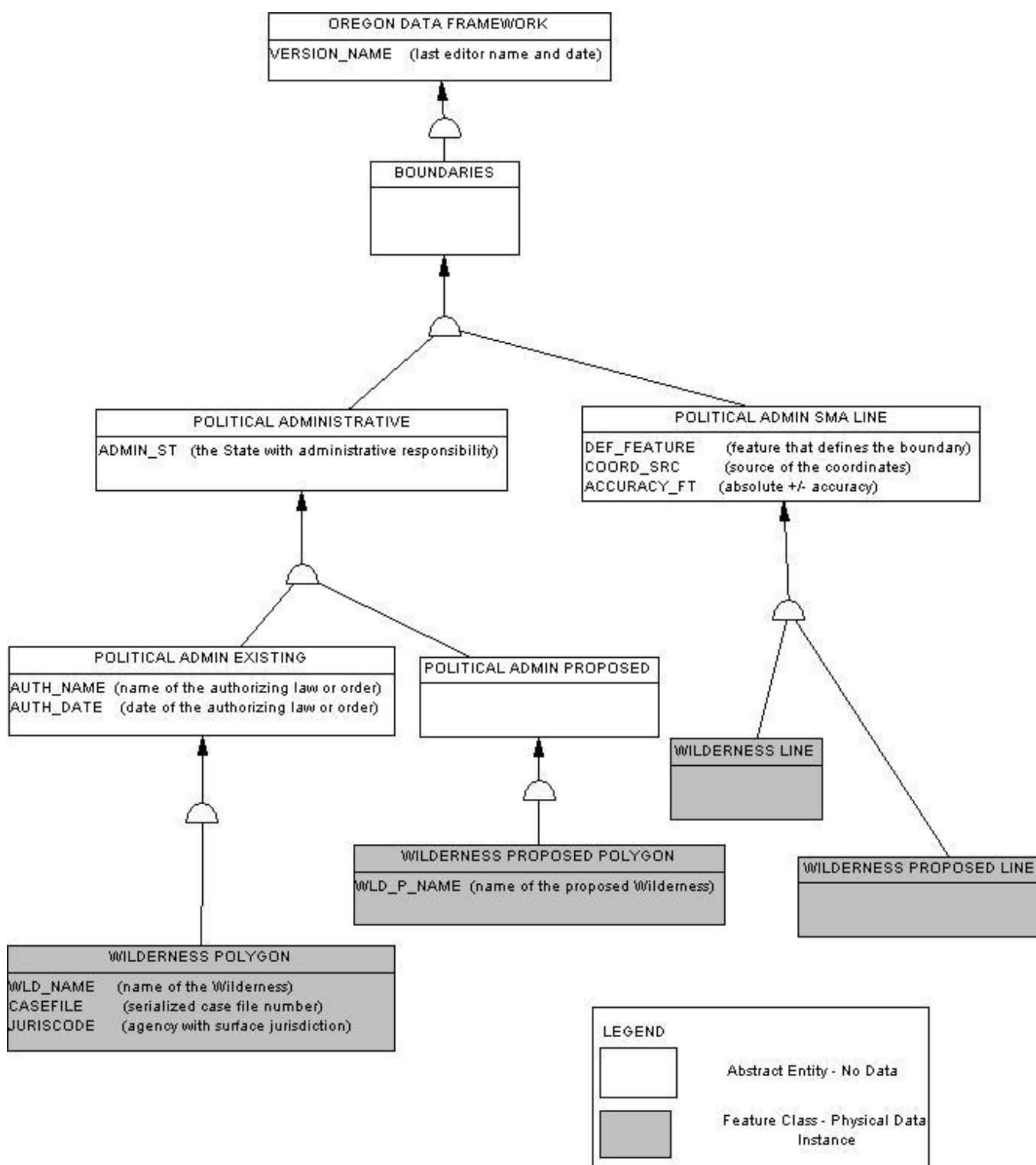


Figure 1 Data Organization Structure

3. DATA MANAGEMENT PROTOCOLS

3.1 ACCURACY REQUIREMENTS

Political and Administrative boundary themes (WLD is a boundary theme) often require a higher level of accuracy than other themes. This is because those boundaries often divide very different management and regulation. Some boundaries can, by their nature or definition, be accurately located and others cannot. Boundary perimeter lines must be defined and segmented accordingly. Individual boundary segment attributes (Feature Level Metadata) provide the information needed to answer questions about why a boundary line is where it is and how accurately it is located. These theme groups therefore require feature class pairs (feature datasets), polygons for the area and lines for the perimeter. A high level of positional and attribute accuracy is required for the WLD theme and features are input and maintained with the highest level of accuracy possible.

3.2 COLLECTION, INPUT AND MAINTENANCE PROTOCOLS

Congress determines the boundary of Wilderness Areas and the designating act describes the boundary with legal description or by reference to an official map which is then used to create the legal boundary description. Wilderness boundaries are delineated using guidance in BLM Manual Handbook H-8560-1 (Management of Designated Wilderness). Boundaries are captured in GIS using these legal references and the most accurate GIS themes available including Geographic Coordinates Data Base for parcel segments; 24k Digital Line Graphic (DLG) for roads; Digital Elevation Models (DEM) backdrop for heads-up digitizing of contours, fences and power lines and Digital Orthophoto Quads (DOQ) imagery backdrop for disturbances like mine areas. Proposed Wilderness Areas might be delineated by a District in response to proposals by Congressional offices. If a proposed area becomes designated the features are moved from WLD_P to WLD. Proposals are archived along with other data relevant to a particular plan and/or at critical change dates.

The line feature class pair for WLD polygons is required, but existing WLD data for OR/WA Districts will be loaded into SDE without populating the attributes. Future WLD capture will require populating the line attributes.

Once the WLD theme has been created, it is the responsibility of the State Data Steward to ensure that it remains current. It is the responsibility of the District Data Stewards and GIS Coordinators to keep the State Data Steward apprised of improvements to the GIS source data and to assist with updates. Proposed changes will be provided to the State Data Steward and Lead GIS Specialist for inclusion in the theme.

3.3 UPDATE FREQUENCY AND ARCHIVAL PROTOCOLS

The unit of processing for updating the WLD theme is the State. Except for minor corrections, WLD changes only through new or amended legislation or with the acquisition of inholdings.

It is also the responsibility of the Data Steward to ensure that any database external to the GIS remains current. The district GIS Coordinator will approve update processes and provide assistance and oversight. At this time there are no digital databases associated with WLD, but this responsibility extends to paper records. Reports or tables containing WLD acreages must be checked against the GIS acres and, ideally, should come directly from the GIS which supplied the official WLD acres for the relevant legislation.

3.4 STATEWIDE MONITORING

Regular review of the WLD theme is not needed since there will be close review at the time of any change.

4. WILDERNESS SCHEMA (Simplified)

General Information: Attributes are listed in the order they appear in the geodatabase feature class. The order is an indication of the importance of the attribute for theme definition and use. There are no aliases unless specifically noted. The domains used in this data standard can be found in Appendix A. These are the domains at the time the data standard was approved. Domains can be changed without a re-issue of the data standard. For a complete list of domains, contact:

Pamela Keller
OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

4.1 WILDERNESS FEATURE DATASET

4.1.1 WLD_POLY (Wilderness Polygons)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
WLD_NAME	String	50		Yes	
CASEFILE	String	15		No	
AUTH_NAME	String	100		No	
AUTH_DATE	String	8		No	
ADMIN_ST	String	2		Yes	dom_ADMIN_ST
JURIS_CODE	String	5		No	dom_JURIS_CODE
VERSION_NAME	String	50	InitialLoad	Yes*	

4.1.2 WLD_ARC (Wilderness Lines)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
DEF_FEATURE	String	25		Yes	dom_DEF_FEATURE
COORD_SRC	String	7		Yes	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
VERSION_NAME	String	50	InitialLoad	Yes*	

4.2 WILDERNESS_PROPOSED FEATURE DATASET

4.2.1 WLD_P_POLY (Wilderness Proposed Polygons)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
WLD_P_NAME	String	50		Yes	
ADMIN_ST	String	2		Yes	dom_ADMIN_ST
VERSION_NAME	String	50	InitialLoad	Yes*	

4.2.2 WLD_P_ARC (Wilderness Proposed Lines)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
DEF_FEATURE	String	25		Yes	dom_DEF_FEATURE
COORD_SRC	String	7		Yes	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
VERSION_NAME	String	50	InitialLoad	Yes*	

* Values automatically generated

5. PROJECTION AND SPATIAL EXTENT

All feature classes and feature datasets are in Geographic, NAD83. Units are decimal degrees. Spatial extent (area of coverage) includes all lands managed by the Bureau of Land Management in the states of Oregon and Washington. In order to maintain consistent acres reporting, WLD_POLY should be projected into Universal Transverse Mercator in the appropriate zone for acres calculation. See the metadata for this data set for more precise description of the extent.

5.1 SPATIAL ENTITY CHARACTERISTICS

WILDERNESS POLYGON (WLD_POLY)

Description: Instance of Political and Administrative Existing group.

Geometry: Polygons do not cover the landscape nor do they cover all BLM lands continuously. In addition, there may be islands (“donut holes”) of Non-Wilderness surrounded by Wilderness. Polygons do not overlap.

Topology: Yes. WLD_POLY lines are coincident with WLD_ARC lines and together make the feature dataset, Wilderness.

Integration Requirements: WLD is created from merging together features from many different input themes.

Attributes on the WLD_ARC provide the information needed to update lines using the correct sources (either by replacement or snapping) and maintain integration across feature classes.

WILDERNESS LINE (WLD_ARC)

Description: Instance of Political Admin/Special Management Area (SMA) Line group. Lines making up the area perimeters of WLD and segmented as needed to indicate a change in either what defines the section of boundary and/or the source of the actual GIS coordinates.

Geometry: Simple, non-overlapping lines that are split between endpoints as needed.

Topology: Yes. WLD_POLY lines are coincident with WLD_ARC lines and together make the feature dataset, Wilderness.

Integration Requirements: Line segments must be coincident with the source data indicated by attributes DEF_FEATURE and COORD_SRC either through duplication or snapping.

WILDERNESS PROPOSED POLYGON (WLD_P_POLY)

Description: Instance of Political and Administrative Proposed group.

Geometry: Polygons do not cover the landscape nor do they cover all BLM lands continuously. In addition, there may be islands (“donut holes”) of Non-Wilderness surrounded by proposed Wilderness. Polygons do not overlap.

Topology: Yes. WLD_P_POLY lines are coincident with WLD_P_ARC lines and together make the feature dataset, Wilderness_Proposed.

Integration Requirements: WLD_P is created from merging together features from many different input themes.

Attributes on the WLD_P_ARC provide the information needed to update lines using the correct sources (either by replacement or snapping) and maintain integration across feature classes.

WILDERNESS PROPOSED LINE (WLD_P_ARC)

Description: Instance of Political Admin/Special Management Area (SMA) Proposed Line group. Lines making up the area perimeters of WLD_P and segmented as needed to indicate a change in either what defines the section of boundary and/or the source of the actual GIS coordinates.

Geometry: Simple, non-overlapping lines that are split between endpoints as needed.

Topology: Yes. WLD_P_POLY lines are coincident with WLD_P_ARC lines and together make the feature dataset, Wilderness Proposed.

Integration Requirements: Line segments must be coincident with the source data indicated by attributes DEF_FEATURE and COORD_SRC either through duplication or snapping.

6. ATTRIBUTE CHARACTERISTICS AND DEFINITIONS

In alphabetical order.

6.1 ACCURACY_FT

Geodatabase Name	ACCURACY_FT
BLM Structured Name	ACCURACY_FEET_MEASURE
Description	<p>Inherited from Entity POLITICAL ADMIN SMA LINE</p> <p>Used in Feature Classes: WLD_ARC WLD_P_ARC</p> <p><u>Definition</u> How close, in feet, the spatial GIS depiction is in relation to the actual location on the ground. There are several factors to consider in GIS error: scale and accuracy of map-based sources, accuracy of Global Positioning System (GPS) equipment, and the skill level of the data manipulators. A value of "0" indicates no entry was made. This is the correct value when the COORD_SRC is another GIS theme (Digital Line Graphs (DLG), Geographic Coordinate Database (GCD), Digital Elevation Model (DEM)) because the accuracy is determined by that theme. However, if COORD_SRC is MAP (digitized from a paper map) or GPS, a value of "0" indicates a missing value that should be filled in either with a non-zero number or "-1." A value of "-1" indicates that the accuracy is unknown and no reliable estimate can be made. Examples: 40, -1, 0</p>
Required/Optional	Optional
Domain (Valid Values)	No Domain
Data Type	Short Integer

6.2 ADMIN_ST

Geodatabase Name	ADMIN_ST
BLM Structured Name	ADMINISTRATIVE_STATE_CODE
Description	<p>Inherited from POLITICAL ADMINISTRATIVE</p> <p>Used in Feature Classes: WLD_POLY WLD_P_POLY</p> <p><u>Definition</u> The two-character abbreviation for the State with administrative</p>

	responsibilities. Some BLM State Offices have administrative responsibilities for more than one State. For instance, the administrative state of Oregon is responsible for both Oregon and Washington.
Required/Optional	Required
Domain (Valid Values)	dom_ADMIN_ST
Data Type	Character (CHAR) 2

6.3 AUTH_DATE

Geodatabase Name	AUTH_DATE
BLM Structured Name	Authority_Date
Description	Inherited from POLITICAL ADMINISTRATIVE EXISTING Used in Feature Classes: WLD_POLY <u>Definition</u> Date the area was legally established (YYYYMMDD). It is allowable to enter only YEAR or YEAR and MONTH.
Required/Optional	Optional
Domain (Valid Values)	No Domain
Data Type	Character (CHAR) 8

6.4 AUTH_NAME

Geodatabase Name	AUTH_NAME
BLM Structured Name	Authority_Name
Description	Inherited from POLITICAL ADMINISTRATIVE EXISTING Used in Feature Classes: WLD_POLY <u>Definition</u> Public Law or Order that established the designation.
Required/Optional	Optional
Domain (Valid Values)	No Domain

Data Type	<p>Example: Steens Mountain Cooperative Management and Protection Act of 2000, Public Law 106-399</p> <p>Variable Character (VCHAR) 100</p>
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6.5 CASEFILE

Geodatabase Name	CASEFILE
BLM Structured Name	Casefile_Number
Description	<p>Not Inherited</p> <p>Used in Feature Classes: WLD_POLY</p> <p><u>Definition</u> The serialized case file number for each wilderness area. This field should be in uppercase. Inholding polygons should not be given a casefile number.</p>
Required/Optional	Optional
Domain (Valid Values)	No Domain
Data Type	<p>Example: OR-19189</p> <p>Variable Character (VCHAR) 15</p>

6.6 COORD_SRC

Geodatabase Name	COORD_SRC
BLM Structured Name	COORDINATE_SOURCE_CODE
Description	<p>Inherited from Entity POLITICAL ADMIN SMA LINE</p> <p>Used in Feature Classes: WLD_ARC WLD_P_ARC</p> <p><u>Definition</u> The actual source of the GIS coordinates for the line segments. If the line is copied from another theme and already has COORD_SRC, it should be reviewed and may need to be changed for use in this dataset.</p>
Required/Optional	Required
Domain (Valid Values)	dom_COORD_SRC
Data Type	CHAR7

6.7 DEF_FEATURE

Geodatabase Name	DEF_FEATURE
BLM Structured Name	DEFINING_FEATURE_CODE
Description	<p>Inherited from Entity POLITICAL ADMIN SMA LINE</p> <p>Used in Feature Classes: WLD_ARC WLD_P_ARC</p> <p><u>Definition</u> The physical or legal feature that defines the boundary according to the legal boundary description. In general the lowest level defining feature, but it depends on how the boundary segment is actually defined. For example, SUBDIVISION rather than COUNTY unless the boundary segment is specifically defined as following the COUNTY boundary. If the line is copied from another theme, and already has DEF_FEATURE, it should be reviewed and may need to be changed for use in this dataset.</p>
Required/Optional	Required
Domain (Valid Values)	dom_DEF_FEATURE
Data Type	Variable Character (VCHAR) 25

6.8 JURIS_CODE

Geodatabase Name	JURIS_CODE
BLM Structured Name	JURISDICTION_ORGANIZATION_CODE
Description	<p>Inherited from Entity POLITICAL ADMIN EXISTING</p> <p>Used in Feature Classes: WLD_POLY</p> <p><u>Definition</u> Broad governmental organization with administrative responsibility for the Wilderness area. In general this will be BLM, but there may be adjoining wilderness of a different jurisdiction.</p>
Required/Optional	Optional
Domain (Valid Values)	<u>dom JURIS_CODE</u>
Data Type	Character (CHAR) 5

6.9 VERSION_NAME

Geodatabase Name	VERSION_NAME
BLM Structured Name	GEODATABASE_VERSION_TEXT
Description	<p>Inherited from Entity Oregon Data Framework.</p> <p>Only appears in the transactional (edit) version. Public version (which is also the version used internally for mapping or analysis) does not contain this attribute.</p> <p>Used in Feature Classes:</p> <ul style="list-style-type: none"> WLD_ARC WLD_POLY WLD_P_ARC WLD_P_POLY <p><u>Definition</u></p> <p>Name of the corporate geodatabase version previously used to edit the record.</p> <p>InitialLoad = feature has not been edited in ArcSDE.</p> <p>Format: username.XXX-mmddyy-hhmmss = version name of last edit (hours might be a single digit; leading zeros are trimmed for hours only). XXX=theme abbreviation</p> <p>Example: sfrazier.GRA-121211-111034</p>
Required/Optional	Required
Domain (Valid Values)	No Domain
Data Type	VCHAR50

6.10 WLD_NAME

Geodatabase Name	WLD_NAME
BLM Structured Name	Wilderness_Name
Description	<p>Not Inherited</p> <p>Used in Feature Class: WLD_POLY</p> <p><u>Definition</u> The official name of the wilderness. It may contain spaces, plus a combination of upper and lowercase alpha characters.</p>
Required/Optional	Required
Domain	<p>None</p> <p>Examples: For example, Steens Mountain Wilderness Area. Inholding (non-BLM jurisdiction) polygons should be labeled "inholding".</p>
Data Type	Variable Characters (VCHAR) 50

6.11 WLD_P_NAME

Geodatabase Name	WLD_P_NAME
BLM Structured Name	Wilderness_Proposed_Name
Description	<p>Not Inherited</p> <p>Used in Feature Class: WLD_P_POLY</p> <p><u>Definition</u> The proposed name being considered for wilderness designation.</p>
Required/Optional	Required
Domain	None
Data Type	Variable Characters (VCHAR) 50

7. ASSOCIATED FILES OR DATABASES

There are no external files or databases currently associated with the WLD data sets.

8. LAYER FILES (PUBLICATION VIEWS)

General Background:

Master corporate feature classes/datasets maintained in the edit database (currently orsoedit) are “published” to the user database (currently orsovctr) in several ways:

- a. Copied completely with no changes (replicated).
- b. Copied with no changes except to omit one or more feature classes from a feature dataset.
- c. Minor changes made (e.g., clip, dissolve, union with ownership) in order to make the data easier to use. These “Publication feature classes” are indicated by “PUB” in their name. They are created through scripts that can be automatically executed and are easily rebuilt from the master (orsoedit) data whenever necessary.

Layer files are not new data requiring storage and maintenance but point to existing data. They have appropriate selection and symbolization for correct use and display of the data. They provide the guidance for data published on the web. Layer files are created by simple, documented process, and can be deleted and recreated at any time.

All datasets are published, both internally and externally, with the attribute VERSION_NAME removed (also for privacy reasons).

Specific to this Dataset:

ARC feature classes (used primarily for editing and maintenance) are not published. Layer files for existing and proposed wilderness will exclude “inholding” polygons.

9. EDITING PROCEDURES

There is much in the data standard that addresses editing and provided guidance. Please review the entire data standard carefully.

Cluster Tolerance

For these themes, the topology cluster tolerance is 0.00000002 Degrees. (0.000007 degrees is approximately 1 meter)

Topology Rules

Apply to the two feature datasets WILDERNESS and WILDERNESS_PROPOSED.

§ Adjacent polygons must not overlap.

§ Polygon boundaries in the WLD_POLY (or WLD_P_POLY) feature class must be covered by lines in the WLD_ARC (or WLD_P_ARC) feature class

§ Line features must not have dangles

§ Line features must not intersect, self-overlap, or overlap adjacent lines

Feature classes listed in order of reliability:

WLD_ARC (or WLD_P_ARC)

WLD_POLY (or WLD_P_POLY)

Allowed Exceptions

There are no allowed exceptions for the WLD Edit group

Reference Themes and Tables

None

Editing Workflow

Boundary arcs (WLD_ARC, WLD_P_ARC) are updated then polygons reconstructed or snapped to them.

Snapping Guidelines

Standard good editing practices.

WLD_ARC and WLD_P_ARC segments are snapped to or replaced by line segments identified by COORD_SRC and DEF_FEATURE.

Adjoining segments are snapped to the segment with the highest priority and/or greatest accuracy.

10. OREGON DATA FRAMEWORK OVERVIEW

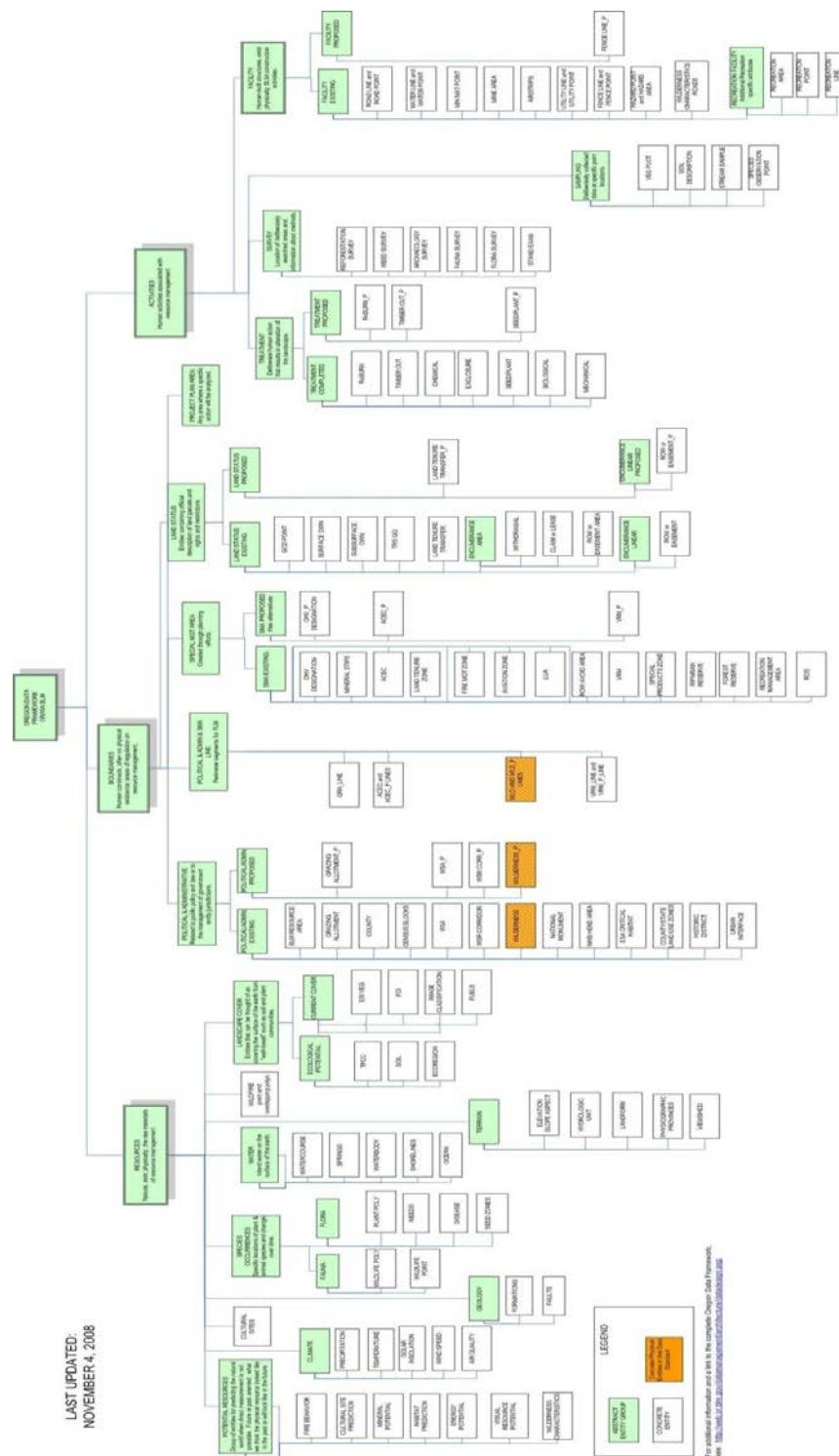


Figure 2 Oregon Data Framework Overview

11. ABBREVIATIONS AND ACRONYMS USED IN THIS STANDARD

Does not include abbreviations/acronyms used as codes for particular data attributes.

Abbreviations	Descriptions
24K	1:24,000 scale
BLM	Bureau of Land Management
DEM	Digital Elevation Model
DLG	Digital Line Graphs
DOQ	Digital Orthophoto Quad
DRG	Digital Raster Graphic
FOIA	Freedom of Information Act
GCD	Geographic Coordinate Database
GIS	Geographic Information System
GNIS	Geographic Names Information System
IDP	Interdisciplinary
NAD	North American Datum
NARA	National Archives and Records Administration
ODF	Oregon Data Framework
OR/WA	Oregon/Washington
RMP	Resource Management Plan
RMPA	Resource Management Plan Amendment
ROD	Record of Decision
SDE	Spatial Data Engine
SMA	Special Management Area
WLD	Wilderness

Table 2 Abbreviations/Acronyms Used

APPENDIX A. DOMAINS (VALID VALUES)

The domains listed below are those that were in effect at the time the data standard was approved and may not be current. Contact the State Data Administrator for current lists:

Pamela Keller
OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

A.1 ADMIN_ST [\[BACK\]](#)

OR	OR-Oregon and Washington
ID	ID-Idaho
CA	CA-California
NV	NV-Nevada

A.2 COORD_SRC [\[BACK\]](#)

Choices relevant to Wilderness are shaded.

CADNSDI	CADNSDI - Coordinates from or snapped to the CADNSDI dataset.
CFF	CFF - Lines duplicated or buffered from Cartographic Feature Files (USFS)
DEM	DEM - Digital Elevation Model (30m or better accuracy) used for creation of contours
DIS	DIS - Lines generated to connect discontinuous features
DLG	DLG - Lines duplicated or buffered from (24K scale accuracy) USGS Digital Line Graphs
DOQ	DOQ - Screen digitized linework over Digital Orthoquad backdrop
DRG	DRG - Screen digitized linework over Digital Raster Graphic backdrop
GCD	GCD - Lines snapped to Geographic Coordinate Database Points
GPS	GPS - Lines obtained from a Global Positioning System device
IMG	IMG - Linework derived from interpretation of satellite or other non-photographic imagery
MAP	MAP - Digitized linework from hardcopy map
MTP	MTP - Lines duplicated from Digital Master Title Plat
SOURCEL	SOURCEL - Source Layer from BLM GIS
SRV	SRV - Survey methods were used to create the linework (e.g. COGO)
TIGER	TIGER - Tiger Data
TRS	TRS - Coordinates only given as a legal description (township, range, section)
UNK	UNK - Unknown coordinate source

A.3 DEF_FEATURE [\[BACK\]](#)

BLM_ADMIN	BLM_ADMIN-Bureau of Land Management administrative boundary
CLOSURE	CLOSURE-Closure extension. Used to close small gaps
COAST_3MILE	COAST_3MILE-Separating coastal water from territorial sea at 3-mile
COUNTY	COUNTY-County boundary
ELEVATION	ELEVATION-Line of common elevation
FENCE	FENCE-Boundary defined by a Fence line regardless of whether it forms

	part of a grazing unit
FOREST_SERVICE_ADMIN	FOREST_SERVICE_ADMIN–Forest Service administrative boundaries
GRAZING_BOUNDARY	GRAZING_BOUNDARY–Boundary defined as a pasture or other administrative grazing boundary (regardless of whether it is fenced or follows a subdivision or other legal boundary)
HU	HU–Hydrologic unit divide
JETTY	JETTY–Jetty
JURISDICTION	JURISDICTION–Surface jurisdiction boundary (e.g. boundary defined as BLM ownership regardless of subdivision)
LAVA	LAVA–Edge of lava flow
LEVEE	LEVEE–Dike or levee
MARSH	MARSH–Edge of Marsh, wetland, swamp, or bog boundary
MINERAL_DISTURBANCE	MINERAL_DISTURBANCE–Edge of quarry, mine, gravel stockpile or other mineral surface disturbance area
NLCS_BOUNDARY	NLCS_BOUNDARY–Wilderness, Wild and Scenic River, Historic District or other NLCS designation boundary
PARKING_AREA	PARKING_AREA–Motorized vehicle parking area
POINT-TO-POINT	POINT-TO-POINT–Boundary defined by a straight line segment between two points
POWERLINE	POWERLINE–Power transmission line or buffer offset
RIDGE	RIDGE–Ridge
RIGHT-OF-WAY	RIGHT-OF-WAY–A legal right of way forms boundary
RIM	RIM–Line generally follows a natural topographic barrier
ROAD	ROAD–Routes managed for use by low or high-clearance (4WD) vehicles, but not ATV
ROAD_OFFSET	ROAD_OFFSET–Boundary is offset from a road (not a consistent buffer)
SHORELINE	SHORELINE–Lake, pond, reservoir, bay or ocean shoreline or meander line
STREAM_LBANK	STREAM_LBANK–Downstream left stream bank
STREAM_RBANK	STREAM_RBANK–Downstream right stream bank
SUBDIVISION	SUBDIVISION–Public Land Survey System derived aliquot (1/2s, 1/4s) parts and lots define the legal boundary
TRAIL	TRAIL–Routes managed for human-powered, stock or off-highway vehicle forms of travel
UNKNOWN	UNKNOWN–Defining feature is unknown
VEGETATION	VEGETATION–Boundary is defined as a seeding boundary or other relatively permanent vegetation change
WATERCOURSE	WATERCOURSE–Stream, river, ditch, canal or drainage centerline

A.4 JURIS_CODE [\[BACK\]](#)

BL	BL-BUREAU OF LAND MANAGEMENT
BP	BP-BONNEVILLE POWER ADMINISTRATION
BR	BR-BUREAU OF RECLAMATION
CE	CE-CORPS OF ENGINEERS
CG	CG-U.S. COAST GUARD
DA	DA-U.S. DEPT. OF AGRICULTURE (EXCEPT THE FOREST SERVICE)
DD	DD-U.S. DEPT. OF DEFENSE (EXCEPT THE CORPS OF ENGINEERS)
FA	FA-FEDERAL AVIATION ADMINISTRATION
FC	FC-FEDERAL ENERGY REGULATORY COMMISSION

FS	FS-U.S. FOREST SERVICE
FW	FW-U.S. FISH AND WILDLIFE SERVICE
GS	GS-U.S. GEOLOGICAL SURVEY
GSA	GSA-GENERAL SERVICES ADMINISTRATION
IA	IA-BUREAU OF INDIAN AFFAIRS AND TRIBAL UNITS
LG	LG-LOCAL GOVERNMENT
NP	NP-NATIONAL PARK SERVICE
PV	PV-PRIVATE LANDS
PVI	PVI-PRIVATE, INDUSTRIAL
PVN	PVN-PRIVATE, NONINDUSTRIAL
PVU	PVU-PRIVATE, URBAN
SDT	SDT-STATE TRANSPORTATION DEPARTMENT
ST	ST-STATE MANAGED LANDS
STF	STF-STATE FORESTS
STL	STL-STATE DIVISION OF LANDS
STP	STP-STATE PARKS
STW	STW-STATE WILDLIFE REFUGES
UN	UN-UNDETERMINED