

Domains Specific to Vegetation Treatment Area

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Overview

Domain values are an integral part of any data standard to ensure consistency and quality of the data captured using a data standard. This document provides the information necessary to understand those data elements (attributes) that have a set of domain values and the descriptions of the domain values to provide guidance in using the appropriate value. Reference entities and other entities that have a fairly stable list of values are included in this document for the data standard.

As this document will be used for both the data standard report and the implementation guidelines, it includes both the logical and implementation views of each of the domain sets. Standard Geospatial Domain Values (those pertaining to feature-level metadata) will not be included in this document, but will be part of the Implementation Guidelines.

Legend

The background color of the item is used to distinguish between the logical data model and the physical table design.

Logical Entities and Attributes
Physical Tables and Columns

For domain values, there will be a cross reference between the logical and physical names of the attributes. In some cases, the physical implementation may include additional columns. The logical reference entity may not have a code value, but the design of the table includes a code value for each domain value. Below is an example of the mapping between the logical attribute name and the table column name.

EXAMPLE: Project Status Domain Values

PROJECT STATUS NAME	PROJECT STATUS TEXT	<i>No Corresponding Attribute</i>
PJT_STAT_NM	PJT_STAT_TX	PJT_STAT_CD
Started	Project has begun, first task has been assigned	S
Proposed	Project has been proposed, but no planning	P
Completed	Project is completed	C

Vegetation Treatment Area Domains

Logical Entity Name	<i>TREATMENT TYPE REFERENCE</i>		
Physical Domain Table	Not applicable		
This data standard is implemented using Treatment Types (represented as Subtypes in the ESRI geodatabase Feature Class). Each Treatment Type has one or more Sub-Types (not to be confused with the ESRI Subtypes) which are filtered based on the Type.		DEFAULT VALUE	
Allowable Domain Values			
No Corresponding Attribute	TREATMENT TYPE NAME	No Corresponding Attribute	
Treatment Type Code	Name	Description	Additional information
1	BIOLOGICAL	A treatment component that is the introduction of foraging species, predators or parasites to control plant or animal pests or to selectively suppress or remove vegetation. (NFP definition)	See domain for the Sub-Type (VTRT_DOM_BIO_SUBTYPE): BIOLOGICAL TREATMENT TYPE REFERENCE
2	CHEMICAL	A treatment component that uses pesticide (chemical control agent) or fertilizer to affect change.	See domain for the Sub-Type (VTRT_DOM_CHEM_SUBTYPE): CHEMICAL TREATMENT TYPE REFERENCE
3	PHYSICAL	A treatment component that consists of either the removal or alteration of soil or vegetation or the planting of vegetation.	See domain for the Sub-Type (VTRT_DOM_PHY_SUBTYPE): PHYSICAL TREATMENT TYPE REFERENCE
4	PRESCRIBED FIRE	A treatment component that uses prescribed fire as a single treatment; this does not include wild land fire use.	See domain for the Sub-Type (VTRT_DOM_FIRE_SUBTYPE):
5	DEFAULT	Not a valid choice for a Type. The ESRI software requires a default.	

Logical Entity Name	<i>BIOLOGICAL TREATMENT TYPE REFERENCE</i>		
Physical Domain Table	DOM_TRTMNT_BIO_SUBTYPE		
The biological treatment type name is a sub-type for biological treatments.		DEFAULT VALUE	
Allowable Domain Values			
BIOLOGICAL TREATMENT METHOD NAME	No Corresponding Attribute		
Name	Description		
CLASSICAL	A treatment that is the introduction of predators or parasites to control plant or animal pests or to selectively suppress or remove vegetation. It includes the practice of importing, and releasing for establishment, natural enemies to control an exotic pest.		
NON-CLASSICAL	A treatment that is the introduction of foraging species, predators or parasites to control plant or animal pests or to selectively suppress or remove vegetation. It involves the use of grazing animals, in conjunction with technology (i.e. fences) to confine the grazing animals to feed on the target species.		

Logical Entity Name	<i>CHEMICAL TREATMENT TYPE REFERENCE</i>		
Physical Domain Table	DOM_TRTMNT_CHEM_SUBTYPE		
The chemical component purpose name is a sub-type for chemical treatments.		DEFAULT VALUE	
Allowable Domain Values			
CHEMICAL COMPONENT PURPOSE NAME	No Corresponding Attribute		
Name	Description		
FERTILIZER	A chemical treatment that involves the application of fertilizer to enhance plant growth.		
PESTICIDE	A chemical treatment that involves the application of a pesticide to control or kill pests.		

Logical Entity Name	<i>PHYSICAL TREATMENT TYPE REFERENCE</i>		
Physical Domain Table	DOM_TRTMNT_PHY_SUBTYPE		
The physical category name is a sub-type for physical treatments.		DEFAULT VALUE	
Allowable Domain Values			
PHYSICAL CATEGORY NAME	No Corresponding Attribute		
Name	Description		
ALTER	A physical treatment component where physical changes are being made, but no materials are leaving the site. This includes preparation of soil for re-vegetation, pre-commercial thinning; site preparation; contour tree felling; plowing and other related manual or mechanical treatments.		
PLANT	A physical treatment component that is the planting of one or more plant species.		
REMOVE	A physical treatment component where materials and/or vegetation are removed from the site. This can include manual or mechanical types of work and harvesting, biomass removal, firewood.		

Logical Entity Name	<i>No corresponding entity</i>		
Physical Domain Table	DOM_TRTMNT_FIRE_SUBTYPE		
Only prescribed fires are considered treatments in this data set.		DEFAULT VALUE	NONE
Allowable Domain Values			
No Corresponding Attribute	No Corresponding Attribute		
Name	Description		
NONE			

Logical Entity Name	<i>No Corresponding Entity</i>		
Physical Domain Table	VTRT_DOM_SYS_CD		
	DEFAULT VALUE	NONE	
Allowable Domain Values			
	No Corresponding Attribute		
Vegetation Treatment System Acronym	Description		
FORVIS	Forest Vegetation Information System		
RIPS	Rangeland Improvement Project System		
NFPORS	National Fire Plan Operations and Reporting System		
NISIMS	National Invasive Species Information Management System		
TSIS	Timber Sale Information System		
ESRS	Emergency Stabilization and Rehabilitation System		
MICRO*STORMS	Western Oregon's Vegetation and Land Management Treatment Database		

Logical Entity Name	<i>No Corresponding Entity</i>		
Physical Domain Table	VTRT_DOM_UPD_CYCLE		
	DEFAULT VALUE	NONE	
Allowable Domain Values			
	No Corresponding Attribute		
Name	Description		
DAILY			
WEEKLY			
MONTHLY			
QUARTERLY			
OTHER			