

Land Information Ontario Data Description

Fire Management Zone

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LIO Class Catalogue

Fire Management Zone

Class Short Name: FIREMGPZ

Version Number: 3

Class Description:

A geographic area characterized by the same forest fire management objectives based on similarities in forest types, land uses, and fire loads, and by similar impacts of fires on society, wood supply and the ecosystem.

Abstract Class Name: SPMNTUREGION

Abstract Class

Description:

Spatial Multi-Non-Tessellating-Unconstrained Region: An object is represented by ONE or MORE polygons. Polygons MAY overlap WITHOUT any restrictions. HOLES within and GAPS between polygons ARE allowed. Example: Forest "Insect Damage Area". Mapped "Spruce Budworm" defoliated areas may overlap "Forest Tent Caterpillar" damaged areas. Likewise, mapped "Gypsy Moth" tree mortality areas may overlap mapped other "Gypsy Moth" defoliated areas from current and previous years.

Tables in LIO Class:

Fire Management Zone

FIRE_MANAGEMENT_ZONE_FT

A geographic area characterized by the same forest fire management objectives based on similarities in forest types, land uses, and fire loads, and by similar impacts of fires on society, wood supply and the ecosystem.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
FMZ_DESIGNATION	VARCHAR2 (40)	Yes	DESIGNATIO	
The Province of Ontario has been divided into six Fire management Zones (FMZ) based on common management objectives, land use, fire load, and forest ecology.				
FMZ_SUB_ZONE_NAME	VARCHAR2 (40)	No	SUB_ZN_NAM	
A major division of a larger Fire Management Zone in which the forest fire management objectives are different than those of the surrounding fire management zone, due to variations in forest type, land uses, fire loads, or fire impacts. Sub Zones are uniquely identified and referred to within the new Fire Management Strategy for Ontario (April 1st, 2004).				
FMZ_LOCAL_TYPE	VARCHAR2 (80)	No	LOCAL_TYPE	
A localized zone classification type that is spatially defined within a major Fire Management Zone. In some cases, Regulated Provincial Parks, Candidate Provincial Parks, Federal Parks, Northern Communities, Islands etc... must be distinguished from one another within the main Fire Management Zone that they are contained in because the forest fire protection strategies may be modified or different than the surrounding area.				
FMZ_LOCAL_TYPE_NAME	VARCHAR2 (80)	No	LOCTYPNAME	
The official name assigned to a Fire Management Zone (FMZ) Local Type. It may be the name of a Federal or Provincial Park, Island, Northern Community etc...				
FMZ_LOCAL_STRATEGY_IND	VARCHAR2 (3)	No	LOC_ST_IND	
An indicator whether a specific fire management objective, strategy or plan exists for a Fire Management Zone (FMZ) at a local level. Detailed guidelines regarding forest fire management within these areas can be found in these documents and/or files.				
FIRE_RESPONSE_RECOMMENDATIONS	VARCHAR2 (40)	No	RESP_RECOM	

FOREST_DEPLETION_TARGET_MIN	NUMBER (7,0)	No	DEPLET_MIN
FOREST_DEPLETION_TARGET_MAX	NUMBER (7,0)	No	DEPLET_MAX
ECOSYSTEM_RENEWAL_TARGET_MIN	NUMBER (7,0)	No	RENEW_MIN
The minimum burned area range of the Ecosystem Renewal Performance Measure Target for the Fire Management Zone (hectares).			
ECOSYSTEM_RENEWAL_TARGET_MAX	NUMBER (7,0)	No	RENEW_MAX
The maximum burned area range of the Ecosystem Renewal Performance Measure Target for the Fire Management Zone.			
HAZARD_REDUCTION_TARGET_MIN	NUMBER (7,0)	No	HAZARD_MIN
The minimum burned area range of the Hazard Reduction Performance Measure Target for the Fire Management Zone. These are treed areas identified by resource managers that are dead/dying as a result of insect infestation or blowdown.			
HAZARD_REDUCTION_TARGET_MAX	NUMBER (7,0)	No	HAZARD_MAX
The maximum burned area range of the Hazard Reduction Performance Measure Target for the Fire Management Zone. These are treed areas identified by resource managers that are dead/dying as a result of insect infestation or blowdown.			
BUSINESS_EFFECTIVE_DATE	DATE	No	BUS_EFF_DT
Date that the record becomes effective in relation to the business i.e. the date MNR became aware of its existence.			
GEOMETRY_UPDATE_DATETIME	DATE	No	GEO_UPD_DT
Date/time the geometry was created or last modified in the source database.			
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
Date/time the record was created or last modified in the source database.			

CLASS_DATABASE_REFERENCE

A link to an external database or an internal object in the same database.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				

INTERNAL_EXTERNAL_FLG	VARCHAR2 (10)	Yes	INT_EXT	Internal, External
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A flag indicating if the database being referenced is internal (NRVIS/LIO) or external.

DATABASE_REFERENCE_IDENT	VARCHAR2 (50)	Yes	IDENT
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Identifier of a reference that is linked e.g. Land Use Permit Number, LIS Number, the FMF Object ID of a Concrete Class.

CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME
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Static short name that will be used by for the concrete class.

DATABASE_REFERENCE_DETAIL	VARCHAR2 (2000)	No	DETAIL
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Details on the rationale, use, dependency, or comments on the database reference. If a dependence on other data class geometry exists, this can be identified in this field.

RELATED_CLASS_SHORT_NAME	VARCHAR2 (8)	No	CLASS_NAME
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The static short name that is used by the related concrete class.

EXT_REF_TYPE_CODE	VARCHAR2 (8)	No	EXT_TYPE
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The type of external database that the identifier pertains to e.g. LUPS, LIS, etc.

TYPE_OTHER_DESCR	VARCHAR2 (60)	No	OTH_DESCR
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A full description of the type when set to "other".

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

CLASS_OTHER_INFORMATION

This table allows the NRVIS/LIO users to enter local-needs type of information, currently not captured in the NRVIS or LIO database. The table content will be analysed periodically to determine if the field(s) should be incorporated into the regular data class structure.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID
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A unique numeric provincial identifier assigned to each object.

FIELD_NAME	VARCHAR2 (30)	Yes	FIELD_NAME
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The attribute name for the information.

CLASS_SHORT_NAME	VARCHAR2	Yes	CLASS_NAME
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(8)

System-generated column denoting the concrete class which this record is part of.

FIELD_TYPE	VARCHAR2 (8)	Yes	FIELD_TYPE	String, Integer, Double
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The type of field.

FIELD_VALUE_STRING	VARCHAR2 (50)	No	VALUE_S
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A field used to store character strings.

FIELD_VALUE_INTEGER	NUMBER (5,0)	No	VALUE_I
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A field used to store integer values (small numbers).

FIELD_VALUE_DOUBLE	NUMBER (10,3)	No	VALUE_D
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A field used to store decimal data with up to two decimals.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

CLASS_PARTY_ROLE

A link to an external contact database.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID
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A unique numeric provincial identifier assigned to each object.

PARTY_IDENT	VARCHAR2 (25)	Yes	PARTY_ID
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An identifier for a party (group or individual). It should reference an identifier in an external database which would contain further information. The identifier should not contain personal information (i.e. Social Insurance Number, Outdoors Card Number, phone number, name etc.).

PARTY_DATABASE	VARCHAR2 (100)	Yes	PARTY_DB
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The database that contains the party information.

ROLE_TYPE	VARCHAR2 (50)	Yes	ROLE_TYPE	Affiliated With, Approver, Authority Holder, Claim Holder, Contact, Contractor, ... (See ROLE_TYPE_LIST table)
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The role that an organization or an individual plays.

CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME
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System-generated column denoting the concrete class which this record is part of.

ROLE_DETAIL	VARCHAR2 (200)	No	DETAIL
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Additional details about the role.

START_DATE	DATE	No	START_DATE
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The date when a Party starts to play a Role.

END_DATE	DATE	No	END_DATE
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The date when a Party ceases to play a Role.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

CLASS_SUPPORTING_MATERIAL

Material (document/file/picture) that provides more information on a geographic feature.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
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A unique numeric provincial identifier assigned to each object.

MATERIAL_NAME	VARCHAR2 (200)	Yes	NAME
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A name or brief description of the material.

MATERIAL_LOCATION	VARCHAR2 (200)	Yes	LOCATION
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The location where the supporting material is stored. This may be a physical location or a link to a storage location.

CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME
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System-generated column denoting the concrete class which this record is part of.

URL_ENG	VARCHAR2 (500)	No	URL_ENG
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The address of a computer or a document in English on the Internet that consists of a communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file -- called also universal resource locator.

URL_FRE	VARCHAR2 (500)	No	URL_FRE
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The address of a computer or a document in French on the Internet that consists of a

communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file -- called also universal resource locator.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXTERNAL_REF_TYPE_LIST

List of valid EXTERNAL_REFERENCE_TYPE codes.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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EXT_REF_TYPE_CODE	VARCHAR2 (8)	Yes	EXT_REF_TY
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The type of external database that the identifier pertains to e.g. LUPS, LIS, Other.

EXT_REF_TYPE_DESCR	VARCHAR2 (60)	Yes	EXT_REF_TY
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Description of the type of external reference.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXPIRY_DATETIME	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

ROLE_TYPE_LIST

List of valid party role types.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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ROLE_TYPE	VARCHAR2 (50)	Yes	ROLE_TYPE
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The role that an organization or an individual plays.

ROLE_TYPE_DESCR	VARCHAR2 (2000)	Yes	DESCR
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Description of Role Type.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXPIRY_DATETIME	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

LIO Lookup Table Values:

EXTERNAL_REF_TYPE_LIST

EXT REF TYPE CODE	EXT REF TYPE DESCR	EXPIRY DATETIME
ALPS	Aggregate Licence Permit Database	
AMIS	Abandoned Mines Database	
ARFIS	Algonquin Region Forest Database	
BCD	Biological and Conservation Database	
DTDB	Digital Topographic Database	
FISHARC	Fisheries Data Archive	
FISHLIB	Fisheries Information Library	
FRI	Forest Resources Inventory Database	
IF	Internal Filing	
LIS	Land Index System	
LUP	Land Use Permit	
NADB	Natural Areas Database	
NTDB	National Topographic Database	
NWEIMS	Wetland Evaluation Information Management Database (North)	
OBM	Ontario Base Map Database	
OFIS	Ontario Fisheries Information Database	
OLI	Ontario Land Inventory	
OPDS	Ontario Petroleum Database	
OTHER	Other External Reference	
PER	Permit	
RBT	Resource Based Tourism Licence	
SFMM	Sustainable Forest Management Model	
WEIMS	Wetland Evaluation Information Management Database (South)	
^	NRVIS 2.0 Data Conversion	1999-11-05

LIO Lookup Table Values:

ROLE_TYPE_LIST

ROLE TYPE	ROLE TYPE DESCR	EXPIRY DATETIME
Affiliated With	This role type indicates that the related "from" Party (Individual or Group) has a relationship with the related "to" Party that is not more explicitly covered by another role type.	
Approver	This role type indicates that the related Party (Individual or Group) is one that has approved action associated with the related item. For example, if the related item is an Authority (License, permit, etc.) this would indicate the Party that approved the issuance of the Authority; if the related item is a Recommended Action this would indicate the Party that approved the initiation of the action; etc.	
Authority Holder	This role type indicates that the related Party (Individual or Group) is the one to which the Ministry has issued the related Authority (license, permit, etc.).	
Claim Holder	This role type indicates that the related Party (Individual or Group) is the one that is the registered owner of the related Mining Claim (area).	
Contact	This role type indicates that the related "from" Party (Individual or Group) is the designated point of contact for communication with the related "to" Party.	
Contractor	N/A	
Custodian	This role type indicates that the related Party (Individual or Group) is responsible for the care of the related Geographic Unit.	
Data Provider	This role type indicates that the related Party (Individual or Group) is the provider of a data source about the related Geographic Unit.	
Employee	This role type indicates that the related "from" Party (an Individual) is employed by the related "to" Party (a Group).	
Evaluator	This role type indicates that the related Party (Individual or Group) is the one who has evaluated the related Geographic Unit.	
Group Member	This role type indicates that the related "from" Party (Individual or Group) is a member of the related "to" Party (a Group). This could include membership in a Local Citizens Committee or a designated interest group.	
Information Holding Custodian	This role type indicates that the related Party (Individual or Group) is responsible for the storage and protection of the related Information Holding.	
Interested Party	This role type indicates that the related Party (Individual or Group) has a stated interest in a related Issue; or has a stated interest in plans and activities involving the related Geographic Unit.	
Issuer	This role type indicates that the related Party (Individual or Group)	

	is one that has issued the related Authority (license, permit, etc.).	
Lease Holder	This role type indicates that the related Party (Individual or Group) has occupancy rights to the related Geographic Unit for the period and according to the terms of a lease agreement.	
Manager	This role type indicates that the related "from" Party (Individual or Group) manages or directs the activities of the related "to" Party (the "to" Party reports to or is accountable to the "from" Party); or manages the operation of the related Geographic Unit (e.g., a Tourism Establishment).	
Metadata Custodian	This role type indicates that the related Party (Individual or Group) is responsible for the storage and protection of the information ABOUT the related Information Holding. Note: There is a separate role type for the custodian of the information holding itself.	
Observer	This role type indicates that the related Party (Individual or Group) is the one who made the observations in the related Information Source.	
Operator	This role type indicates that the related Party (Individual or Group) operates the related Geographic Unit facility (e.g., Tourism Establishment, Mill).	
Owner	This role type indicates that the related Party (Individual or Group) owns the related Geographic Unit (e.g., Tourism Establishment).	
Partner	This role type indicates that the related "from" Party (Individual or Group) has a partnership arrangement with the related "to" Party.	
Steward	This role type indicates that the related "from" Party (Individual or Group) is responsible for assisting the Ministry with respect to the management of resources within the related Geographic Unit.	
Supervisor	This role type indicates that the related "from" Party (Individual or Group) supervises the activities of the related "to" Party.	
Verifier	N/A	