Unclassified

Land Information Ontario
Data Description

Emergency Management
Historical Events

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LIO Class Catalogue

Emergency Management Historical Events

Class Short Name: EMHISEVT

Version Number: 1

Class Description:

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events as assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act. Most of these events will have involved community evacuations, significant structural loss, and/or involvement of an Emergency Response Officer. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance Detailed information about the actual events will be stored and managed elsewhere using other database tools (this will be referred to below as the EM data tool.

Abstract Class Name: SPMPNT

Abstract Class Description:

Spatial Multi-Point: An object is represented by ONE or MORE point locations. Example: A heronry represented by several points and all sharing the same characteristics.

Tables in LIO Class:

Emergency Management Historical Events

EMERG_MGMT_HISTORICAL_EVENT_FT

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events as assigned to the Ministry of Natural Resources by Order-In - Council (OIC) under the Emergency Management and Civil Protection Act. Most of these events will have involved community evacuations, significant structural loss, and/or involvement of an Emergency Response Officer. The unique business identifier for an object in this dataclass will be a combination of District Name, Event Type, Event Year, and Event Number

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.				
DISTRICT_NAME	VARCHAR2 (50)	Yes	DISTRICT	Algonquin Park, Aurora, Aylmer, Bancroft, Chapleau, Cochrane, ... (See MNR_DISTRICT_LIST table)
MNR District Name Standard look-up table of current MNR Administrative Districts As District boundaries and names may change over time, the District Name will be current as of the Event Year.				
EVENT_TYPE	VARCHAR2 (50)	Yes	EVENT_TYPE	Continuity of Operations Event, Dam Failure, Drought or Low Water, EMO Requested Assistance, Erosion, Flood, Forest Fire, Other Requested Assistance, Petroleum Resource Center Event, Soil or Bedrock Instability
Emergency Management Event Type: - Dam Failure - Drought or Low Water - Erosion - Flood - Forest Fire - Soil or Bedrock Instability - Petroleum Resource Center Event - EMO Requested Assistance - Continuity of Operations Event - Other Requested Assistance Details of each event object will be stored in the Event Description field.				
EVENT_YEAR	NUMBER (4,0)	Yes	EVENT_YEAR	
4-digit calendar year in which the event began (e.g. 2001).				
EVENT_NUMBER	VARCHAR2 (2)	Yes	EVENT_NUM	
A two-digit sequential number, starting at "01", for each event of the same District/Type/Year combination. This number is assigned by the business area, MNR Emergency Management program				
EVACUATION_IND	VARCHAR2 (3)	Yes	EVACUATION	Yes, No
Indicates whether the event involved an evacuation? Defaults to "No".				

EVENT_DESCR	VARCHAR2 (500)	No	EVT_DESCR	
A brief description of the event; more detailed information will be stored in the EM data tool and would be accessible through reference to the business identifier: District/Type/Year/Number				
EVENT_DATA_REFERENCE	VARCHAR2 (255)	No	DATA_REF	
Reference for additional information about the event				
LOCATION_ACCURACY	VARCHAR2 (25)	Yes	ACCURACY	Not Applicable, Over 10,000 metres, Within 1 metre, Within 10 metres, Within 10,000 metres, Within 100 metres, ... (See LOCATION_ACCURACY_LIST table)
The degree of conformity or closeness of a measurement within the database to its true value in the world.				
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_JUSTIFICATION

The justification for the addition of or changes to a geographic feature.

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.				
JUSTIFICATION_REASON	VARCHAR2 (2000)	Yes	REASON	
Reason for justification of the existence of a geographic feature.				
CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	
System-generated column denoting the data class which this record is part of.				
JUSTIFICATION_DATE	DATE	Yes	JUSTIF_DT	
Date that the geographic feature was justified.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				

LOCATION_ACCURACY_LIST

List of valid LOCATION_ACCURACYs.

Column Name	Column Type	Mandatory	Short Name	Valid Values
LOCATION_ACCURACY	VARCHAR2 (25)	Yes	ACCURACY	
The accuracy of the location of the feature at an OBM scale. The degree of conformity or closeness of a measurement to the true value.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
EXPIRY_DATETIME	DATE	No	EXP_DATE	
Date/time that the record was expired from use.				

MNR_DISTRICT_LIST

List of valid MNR District Names.

Column Name	Column Type	Mandatory	Short Name	Valid Values
DISTRICT_NAME	VARCHAR2 (50)	Yes	DISTRICT_N	
MNR District name				
DISTRICT_CODE	VARCHAR2 (5)	No	DISTRICT_C	
Abbreviated name/acronym				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
EXPIRY_DATETIME	DATE	No	EXP_DATE	
Date/time that the record was expired from use.				
REGION_NAME	VARCHAR2 (10)	No	NAME	
MNR Region Name				

LIO Lookup Table Values:

LOCATION_ACCURACY_LIST

LOCATION ACCURACY	EXPIRY DATETIME
Not Applicable	
Over 10,000 metres	
Within 1 metre	
Within 10 metres	
Within 10,000 metres	
Within 100 metres	
Within 1000 metres	
Within 2 metres	
Within 20 metres	
Within 200 metres	
Within 2000 metres	
Within 5 metres	
Within 50 metres	
Within 500 metres	
Within 5000 metres	
AC Accurate (to 10m)	2007-01-12
AP Approximate (to 500m)	2007-01-12
GE General (to 10,000m)	2007-01-12
MO Moderate (to 1000m)	2007-01-12
RE Reliable (to 100m)	2007-01-12
VA Very Accurate (to 2m)	2007-01-12
VG Vague (to 100,000m)	2007-01-12
^ Data Load	2007-01-12

LIO Lookup Table Values:

MNR_DISTRICT_LIST

DISTRICT NAME	DISTRICT CODE	REGION NAME	EXPIRY DATETIME
Algonquin Park	AP	Southern	
Aurora	AU	Southern	
Aylmer	AY	Southern	
Bancroft	BA	Southern	
Chapleau	CH	Northeast	
Cochrane	CO	Northeast	
Dryden	DR	Northwest	
Fort Frances	FF	Northwest	
Guelph	CA	Southern	
Hearst	HE	Northeast	
Kemptville	KV	Southern	
Kenora	KE	Northwest	
Kirkland Lake	KL	Northeast	
Midhurst	MH	Southern	
Nipigon	NG	Northwest	
North Bay	NB	Northeast	
Parc Algonquin	AP	Southern	
Parry Sound	PS	Southern	
Pembroke	PE	Southern	
Peterborough	PB	Southern	
Red Lake	RL	Northwest	
Sault Ste. Marie	SM	Northeast	
Sioux Lookout	SL	Northwest	
Sudbury	SB	Northeast	
Thunder Bay	TB	Northwest	
Timmins	TM	Northeast	
Wawa	WW	Northeast	