

# Land Information Ontario Data Description

## Research Plot Protected

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# LIO Class Description

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## Research Plot Protected

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**Class Short Name:** RESPROTD

**Version Number:** 1

**Class Description:**

DERIVED layer, based on research plot source features and attributes, which are deemed to have an active temporal requirement for Protection within a designated area or polygon. The spatial features and attributes in this layer are sourced from 1) Research Point (RESPOINT), 2) Research Line (RESLINE), Research Poly (RESPOLY) data classes. The Temporal Constraint assesses the active status of source features and facilitates automated lifecycle management of the features included in this derived layer. Temporal Constraint: PROTECTION\_END\_DATE is greater than the date this layer was generated. The spatial extents of features in this derived layer are based on source feature extents, to which specified buffer distances has been added. Applied Buffer: PROTECTION\_BUFFER\_DIST field value (meters). This layer is regenerated at scheduled intervals, with the previous version of this layer archived and replaced by the newly generated version.

**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.

**Metadata URL:**

**Tables in LIO Class:  
Research Plot Protected**

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**RESEARCH\_PLOT\_PROTECTED\_FT**

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DERIVED layer, based on research plot source features and attributes, which are deemed to have an active temporal requirement for Protection within a designated area or polygon. The spatial features and attributes in this layer are sourced from 1) Research Point (RESPOINT), 2) Research Line (RESLINE), Research Poly (RESPOLY) data classes. The Temporal Constraint assesses the active status of source features and facilitates automated lifecycle management of the features included in this derived layer. Temporal Constraint: PROTECTION\_END\_DATE is greater than the date this layer was generated. The spatial extents of features in this derived layer are based on source feature extents, to which specified buffer distances has been added. Applied Buffer: PROTECTION\_BUFFER\_DIST field value (meters). This layer is regenerated at scheduled intervals, with the previous version of this layer archived and replaced by the newly generated version.

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>OGF_ID</b>	NUMBER(13,0)	Yes	OGF_ID	
Ontario Geospatial Feature Identifier (OGF_ID). A unique numeric provincial identifier assigned to each object. NOTE: This will retain the OGF_ID of the source Research Plot feature.				
<b>PLOT_IDENT</b>	VARCHAR2(100)	Yes	PLOT_IDENT	
Unique stable business identifier assigned by the program area to every research plot feature. Refer to user-guide for value formatting instructions.				
<b>PLOT_ALIAS</b>	VARCHAR2(254)	No	PLOT_ALIAS	
Local client or alternative name for the research plot.				
<b>PLOT_SOURCE_SHORTNAME</b>	CHAR	No	CLASS_NAME	
Identifies the database short name of the source feature type layer this plot was derived from: 1) Research Point (RESPOINT), 2) Research Line (RESLINE), or 3) Research Poly (RESPOLY).				
<b>PROTECTION_PRESCRIPTION_IDENT</b>	VARCHAR2(100)	Yes	PRES_IDENT	
Foreign Key (FK) PROTECTION_PRESCRIPTION_IDENT reference to parent RESEARCH_PROTECTION table record.				
<b>PROTECTION_PRESCRIPTION_DATE</b>	DATE	Yes	PRES_DATE	
Date the prescription was created. Defaults to current date for new records. SOURCE: RESEARCH_PROTECTION.PROTECTION_PRESCRIPTION_DATE				
<b>PROTECTION_PRESCRIPTION_DETAIL</b>	VARCHAR2(2000)	Yes	PRES_DET	
Specific details of the protection prescription. SOURCE: RESEARCH_PROTECTION.PROTECTION_PRESCRIPTION_DETAIL				
<b>PROTECTION_END_DATE</b>	DATE	Yes	PROT_END	

Date beyond which the requirement for protection is expected to end.

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<b>CONTACT_1_NAME</b>	VARCHAR2(100)	Yes	CONTACT_1
First Reference: Identifies the name of the person to contact about the research plot. Foreign Key (FK) CONTACT_NAME reference to parent RESEARCH_CONTACT table record.			
<b>CONTACT_1_EMAIL</b>	VARCHAR2(40)	No	EMAIL_1
Where available, the email address of the contact. SOURCE: RESEARCH_CONTACT.EMAIL			
<b>CONTACT_1_PHONE</b>	VARCHAR2(25)	No	PHONE_1
Contact telephone number. (Area Code) 555-5555 x555. SOURCE: RESEARCH_CONTACT.PHONE			
<b>CONTACT_1_AGENCY_NAME</b>	VARCHAR2(50)	Yes	AGENCY_1
The full name of the agency that the contact is affiliated with. (e.g. Canadian Forest Service, Science and Research Branch - MNR, Ministry of Environment, unknown, not applicable). SOURCE: RESEARCH_CONTACT.AGENCY_NAME			
<b>CONTACT_1_PROGRAM_NAME</b>	VARCHAR2(50)	Yes	PROGRAM_1
The full program name the contact is affiliated with. (e.g. Ecological Land Classification Program, Woodlands Operations, unknown, not applicable). SOURCE: RESEARCH_CONTACT.PROGRAM_NAME			
<b>CONTACT_2_NAME</b>	VARCHAR2(100)	Yes	CONTACT_2
Second Reference: Where applicable, identifies the name of the person to contact about the research plot. Foreign Key (FK) CONTACT_NAME reference to parent RESEARCH_CONTACT table record.			
<b>CONTACT_2_EMAIL</b>	VARCHAR2(40)	No	EMAIL_2
Where available, the email address of the contact. SOURCE: RESEARCH_CONTACT.EMAIL			
<b>CONTACT_2_PHONE</b>	VARCHAR2(25)	No	PHONE_2
Contact telephone number. (Area Code) 555-5555 x555. SOURCE: RESEARCH_CONTACT.PHONE			
<b>CONTACT_2_AGENCY_NAME</b>	VARCHAR2(50)	Yes	AGENCY_2
The full name of the agency that the contact is affiliated with. (e.g. Canadian Forest Service, Science and Research Branch - MNR, Ministry of Environment, unknown, not applicable). SOURCE: RESEARCH_CONTACT.AGENCY_NAME			
<b>CONTACT_2_PROGRAM_NAME</b>	VARCHAR2(50)	Yes	PROGRAM_2
The full program name the contact is affiliated with. (e.g. Ecological Land Classification Program, Woodlands Operations, unknown, not applicable). SOURCE: RESEARCH_CONTACT.PROGRAM_NAME			
<b>STUDY_NAME</b>	VARCHAR2(100)	Yes	STUDY_NAME
Foreign Key (FK) STUDY_NAME reference to parent RESEARCH_STUDY table record. The official name of the study.			
<b>STUDY_ACRONYM</b>	VARCHAR2(15)	No	STUDY_ACRO
The short form (acronym) for a study commonly referred to by field staff e.g. NEBIE, FEC-NWO. Study Acronym values must be unique in the Research Study table. SOURCE:			

RESEARCH\_STUDY.STUDY\_ACRONYM

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<b>OWNER_CONTACT</b>	VARCHAR2(100)	Yes	OWNER_CONT
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Name and/or Position of the study contact, e.g. Doe, John; Research Scientist. SOURCE: RESEARCH\_STUDY.OWNER\_CONTACT

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<b>OWNER_ACRONYM</b>	VARCHAR2(15)	No	OWNER_ACRO
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The short form (acronym) for the study owner commonly referred to by field staff (e.g. GY-NE meaning Growth and Yield - Northeast Region). SOURCE: RESEARCH\_STUDY.OWNER\_ACRONYM

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<b>OWNER_PROGRAM</b>	VARCHAR2(50)	Yes	OWNER_PROG
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The full program name that the Study is owned by, e.g. Ecological Land Classification Program of Ontario. SOURCE: RESEARCH\_STUDY.OWNER\_PROGRAM

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<b>OWNER_AGENCY</b>	VARCHAR2(50)	Yes	OWNER_AGEN
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Specify the overarching agency which the Owner Program is administered by (e.g. Natural Resource Information Management Section, Ontario Ministry of Natural Resources and Forestry). SOURCE: RESEARCH\_STUDY.OWNER\_AGENCY

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<b>STUDY_START_DATE</b>	DATE	Yes	START_DATE
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The actual or best estimate of the date on which the study began. SOURCE: RESEARCH\_STUDY.STUDY\_START\_DATE

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<b>STUDY_END_DATE</b>	DATE	Yes	END_DATE
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The date that the study is scheduled to end. NOTE: This date does not affect or imply the end of any protection or notification for the Research Plots associated with this study. Protection and Notification lifecycle information is detailed at the individual Research Plot level. SOURCE: RESEARCH\_STUDY.STUDY\_END\_DATE

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<b>PROGRAM_ACRONYM</b>	VARCHAR2(15)	No	PROG_ACRO
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Free text describing an acronym that the program area is referred by, for example: ELC (Ecological Land Classification Program). The content of this field are mainly used for record filtering purposes, and also imply program ownership of the research plot.

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<b>LOCATION_ACCURACY_METERS</b>	NUMBER(4,0)	Yes	ACC_METERS
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Estimated positional accuracy in meters (no decimals). Valid value range is between 1 and 5000 meters.

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<b>PLOT_ESTABLISHED_DATE</b>	DATE	Yes	ESTAB_DATE
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Date the plot was established.

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<b>PLOT_MARKER_DESCR</b>	VARCHAR2(254)	No	PLOT_DESCR
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Description of main plot marker properties for easy recognition in the field.

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<b>LOCATION_DESCR</b>	VARCHAR2(254)	No	LOCATION
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Description of the area where the site is located (e.g. End of Flee Rd. in Button TWP.).

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<b>PLOT_ACCESS_NOTE</b>	VARCHAR2(254)	No	PLOT_ACCES
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Notes related to accessing of the plot. Could include items like the need for 4x4 and ATV, instructions on how to find the primary marker, and any instructions pertaining to obtaining

access to the property e.g. contacting landowner for permission.

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<b>GENERAL_COMMENTS</b>	VARCHAR2(254)	No	COMMENTS
General comments relating specifically to this plot, and of importance to the management of this research value.			
<b>VERIFICATION_IND</b>	VARCHAR2(3)	Yes	VERIF_IND
A Yes/No indicator if spatial location has been verified by the plot owner to be true and accurate.			
<b>GEOMETRY_UPDATE_DATETIME</b>	DATE	No	GEO_UPT_DT
Date/time the geometry was created or last modified in the source database.			
<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE
Date/time the record was created or last modified in the source database. NOTE: The date should reflect the Effective Datetime of the Research Plot source feature.			
<b>SHAPE</b>	SDO_GEOMETRY	No	SHAPE
Geometry attribute.			

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