

METADATA MANAGEMENT TOOL (LIO)

Far North Land Cover

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Title	Far North Land Cover
Date	2009-09-30
Date type	Creation
Date	2014-12-08
Date type	Revision
Abstract	<p>Remote sensing analysts apply image analysis, and combine other data such as geology and elevation, to create the land cover database mapping unique ecologically defined features. This is an enhancement over previous versions of land cover that relied on spectral data alone. This land cover has a vintage across the entire Far North of 2005-2011.</p> <p>The data are provided in grid format and are broken into layers that cover UTM zones 15, 16 and 17. Additionally, layers representing each level of the classification hierarchy described in the data specs have been provided: class, group and section.</p> <p>Additional Metadata Location: Ontario Ministry of Natural Resources, Science and Information Branch, Inventory Monitoring and Assessment</p>
Purpose	The aim of creating a revised land cover for the Far North is to produce a consistent map to meet regional - to landscape level analysis (1:100,000).
Metadata language	eng
Hierarchy level	Dataset
Linkage	https://www.sse.gov.on.ca/sites/MNR-PublicDocs/EN/CMID/Far%20North%20Land%20Cover%20-%20Data%20Specification.pdf
Protocol	WWW:LINK-1.0-http--related
Linkage	https://www.javacoeapp.lrc.gov.on.ca:443/geonetwork/srv/en/file.disclaimer?id=1302&fname=ab1da0f2-7bba-430b-af11-d503865ff130.zip&access=private
Protocol	WWW:DOWNLOAD-1.0-http--download
Linkage	https://www.javacoeapp.lrc.gov.on.ca:443/geonetwork/srv/en/file.disclaimer?id=1302&fname=ab1da0f2-7bba-430b-af11-d503865ff130-TIF.zip&access=private
Protocol	WWW:DOWNLOAD-1.0-http--download
Individual name	Murray Radford
Organisation name	Ministry of Natural Resources and Forestry
Position name	Coordinator, FRI Program
Role	Point of contact
Keyword	SCIENCE RESEARCH AND TRANSFER
Keyword	PLANNING/DEVELOPMENT
Keyword	MAPPING
Keyword	LAND USE PLANNING
Keyword	BIODIVERSITY

Keyword	ABORIGINAL
Keyword	IMAGERY
Keyword	LAND CLASSIFICATION
Keyword	REGIONAL PLANNING
Keyword	ELC
Type	Theme

West bound	-95.943
East bound	-78.16
South bound	47.865
North bound	57.64200000000001

Description	Used in GIS processes to aid creation of topographic layers used as input into the classification process. Also used as a reference to understand broad scale soil and topographic conditions contributing to overall land cover trends.
Title	Quaternary Geology of Ontario (SV04-02.021)
Alternate title	GOO
Organisation name	MINISTRY OF NORTHERN DEVELOPMENT AND MINES
Presentation form	Digital map
Other citation details	Additional details available at https://www.javacoeapp.lrc.gov.on.ca:/geonetwork?uuid=10787030-d5b9-462c-922b-1ec4f5f6faa5
Description	Multi-spectral 30 meter resolution Landsat 5 thematic mapper imagery was used as the primary data source for land cover classification. Most boundaries and class attribution began with this data and may or may not have been modified by others.
Title	Landsat Mult-ispectral Imagery
Alternate title	Landsat, TM
Organisation name	United States Geologic Survey, Earth Resources Observation and Science Center
Presentation form	Digital image
Other citation details	Additional information about image sensor specifications can be found at http://eros.usgs.gov/#/Find_Data/Products_and_Data_Available/TM . Image processing details are available at http://landsat.usgs.gov/Landsat_Processing_Details.php
Description	Polygonal representations of lakes and large rivers were used to spatially define and contextually classify water bodies. The linear stream layer network was also included as context to classify land cover classes and topographic features often associated with flowing water (for example thicket swamps).
Title	National Hydro Network, Canada
Alternate title	NHN
Organisation name	Government of Canada, Natural Resources Canada, Earth Sciences Sector, Mapping Information Branch, Centre for Topographic Information
Presentation form	Digital map
Other citation details	Metadata regarding this dataset can be obtained at http://www.geobase.ca/geobase/en/metadata.do?id=87066E9A-94EE-680A-B1BA-591F4688DB7D
Description	This is a Digital Elevation Model (DEM) used to generate topographic upland and riparian area and wetland masks as input into the land cover classification process to ensure land cover classes are defined by spatial vegetation (imagery) and topographic (DEM) information.

Title	1 arc second Shuttle Radar Topography Mission
Alternate title	SRTM, DEM
Organisation name	National Aeronautics and Space Agency (NASA), Jet Propulsion Laboratories (JPL)
Presentation form	Digital image
Other citation details	A detailed description of this data can be found at http://dds.cr.usgs.gov/srtm/version2_1/Documentation/SRTM_Topo.pdf .
Description	Provincial Satellite Derived Disturbance Mapping was used as a mask in the land cover mapping process. All spatial disturbance events were incorporated into land cover and further classified as either open or woody disturbance features using current imagery.
Title	Provincial Satellite Derived Disturbance Mapping
Alternate title	NA
Organisation name	OMNRF, SRB
Responsible party	missing
Responsible party	missing
Responsible party	missing
Individual name	
Organisation name	
Position name	
Telephone	missing
Telephone	missing
Voice	
Facsimile	
Address	missing
Address	missing
Address	missing
Address	missing
Address	missing
Address	missing
Address	missing
Delivery point	
City	
Administrative area	
Postal code	
Country	
Electronic mail address	
Role	
Presentation form	Digital table
Other citation details	A detailed description of this data is available at https://www.javacoeapp.lrc.gov.on.ca/geonetwork?uuid=6ff6d83a-bcb2-469c-aa87-d589ca617c82
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Metadata language	eng
Character set	UTF8
Individual name	Murray Radford
Organisation name	Ministry of Natural Resources and Forestry
Role	Point of contact
Date stamp	2016-05-31T10:12:59