Metadata

Dataset Name	Shoreline Habitat Inventory Mapping (SHIM) Imagery
Dataset General Type	Imagery
Dataset Type	Dataset
Dataset Level	1.1
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Freshwater
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/group/freshwater
Dataset Status	Complete
Maintenance and Update Frequency	As needed
Dataset Last Revision Date	2022-03-03
Dataset DOI	
Metadata Creation Date	2022
Publisher	CanWIN
Dataset Authors	
Dataset Authors 1	
Name	Lake Winnipeg Foundation
Type of Name	Organizational
Email	info@lakewinnipegfoundation.org
Affiliation	Lake Winnipeg Foundation
ORCID ID	

Contributors

Contributors 1

    Name

    Role

    Email

    Affiliation

    ORCID ID

Project Data Curator	Lake Winnipeg Foundation
Project Data Curator email	info@lakewinnipegfoundation.org
Project Data Curator Affiliation	Lake Winnipeg Foundation
Dataset Collection Start Date	2011-07-30
Dataset Collection End Date	2011-08-07

Sample Collection

Sample Collection 1

    Sampling Instrument Name

    Standardized Sampling Instrument Name

    Sample Collection Method Name   Photographic Documentation

    Comment

    Method Link

    Method Summary

    Method Description Type

Activity Collection Type

Preferred citation

Analytical Instrument

Analytical Instrument 1

Analytical Instrument Name

Standardized Analytical Instrument Name

Analytical Instrument Identifier Id

Analytical Instrument Title Type   Alternative Title

Analytical Instrument Identifier Type

Analytical Method

License Name
Creative Commons Attribution 4.0 International

Licence Type
Open

Embargo Date

Licence URL
https://spdx.org/licenses

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Awards

Related Resources

Related Resources 1

Related Resource Name

Resource Code

Identifier Type

Relationship To This Dataset

Resource Type   Online Resource

Type

Series Name

Publications	
Publications 1	
Publication Name	
Identifier Code	
Identifier Type	
Relationship to this dataset	
Resource Type	Online Resource
Publication Type	

Spatial regions	lake-winnipeg-basin

Spatial extent West Bound Longitude	

Spatial extent East Bound Longitude	

Spatial extent South Bound Latitude	

Spatial extent North Bound Latitude	

Data and Resources

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM%20land%20use/
Name	SHIM Land Use
Description	Land use is a categorical field that is used to describe the dominant land use observed along the segment. Categories include Agriculture, Commercial, Conservation, Forestry, Industrial, Institution, Multi-Family, Natural Area, Park, Recreation, Single Family, Rural, and Urban Park. Land use determination is based upon a combination of field observation, review of zoning and bylaw maps, and air photo interpretation.
Format	JPEG
Resource Category	data

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM%20Level%20of%20Impact/
Name	SHIM Level of Impact
Description	Level of impact is a categorical field used to describe general disturbances observed along the shoreline. Disturbances are considered to be any anthropogenic influence that has altered shoreline features including the foreshore substrates, vegetation, or the shoreline (e.g., retaining walls, groynes, etc.). Level of impact is determined from the length of the shore line (i.e., along the segment) and the depth of the shore zone area to between 15 to 50 m back. In more rural settings, typically the assessment area is greater (i.e., 50 m) and in more developed shorelines, typically the assessment area is less (i.e., 15 m). In cases of roadways, highways or railways, one should generally assess the location of the rail or roadway along the segment. To facilitate interpretation of this category, air photo interpretation is recommended to better estimate disturbance.
Format	JPEG

Resource Category	data
URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM%20Major%20shore%20type/
Name	SHIM Major shore type
Description	Shore type is a categorical field that describes the predominant shore type that occurs along the length of the shore segment (i.e., the highest percentage of the linear shoreline length). Shore types include Cliff/Bluff, Rocky Shore, Gravel, Sand, Stream Mouth, Wetland, and Other (Sand, Sand spit)
Format	JPEG
Resource Category	data
URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM%20Major%20Shore%20Type%20Modifiers/
Name	SHIM Major Shore Type Modifiers
Description	The shore type modifier field is used to describe significant shoreline structures/activities that influence the shoreline. The field is categorical and choices include Log Yard, Small Marina (6-20 slips), Large Marina (greater than 20 slips), Railway, Roadway, None, and Other.
Format	JPEG
Resource Category	data
URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM%20Predominant%20Vegetation/
Name	SHIM Predominant Vegetation
Description	The Vegetation Band One Land Cover Class is a description of the predominant vegetation class present. Categories are largely derived from the Sensitive Habitat Inventory and Mapping Module 4. The Coniferous Class occurs where tree cover is at least 20% of the shore zone area and at least 80% of the trees are coniferous. The Broadleaf Class occurs where the tree cover is at least 20% and at least 65% of the trees are broadleaf or deciduous. The Mixed Forest Class occurs where tree cover is at least 20% and there are no more than 80% coniferous trees and no more than 65% broadleaf trees. The Shrubs Class occurs where tree coverage is less than 10% and there shrubs cover at least of 20%. Shrubs are defined as multi-stemmed woody perennial plants. The Herbs / Grasses Class occur where there is at less than 10% tree coverage and less than 20% of shrubs. The Exposes Soil Class occurs where recent disturbance, either anthropogenic or natural, has occurred and mineral soils are exposes. The Landscape Class refers to urbanized areas where most natural vegetation has been replaced by at least 30% coverage of ornamental trees, shrubs, and other vegetation. The Lawn Class occurs in urbanized areas where turf grasses cover at least 30% of the shore zone area 20% 36% 16% 12% 12% 2% 2% Predominant Vegetation Class Present Shrubs Broadleaf Forest Mixed Forest Lawn Natural Wetland Unvegetated Exposed soil Copyright Lake Winnipeg Foundation Inc. April 2012 37 and landscaping with ornamental shrubs or trees is less than 30% coverage. The Natural Wetland Class occurs where shore marshes dominate the shore zone area and they have not been significantly influenced by human disturbance. The Disturbed Wetland Class occurs where shore marshes predominate the shore zone area and they have experienced significant disturbance (i.e., greater than 30%). The Row Crops Class occurs in agricultural areas where crops are growing. If sites are agricultural, but are not used for row crops (e.g., pasture lands), they should be described as Herbs/Grasses and comments should be used to indicate the agricultural nature of the shore segment. Un-vegetated Sites occur where there is less than 5% vegetation cover and at least 50% of the vegetation cover is mosses or lichens. Un-vegetated sites tend to occur on rocky, exposed shorelines.
Format	JPEG
Resource Category	data
URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM_Segments_01_05/
Name	SHIM Segments 1-5
Description	The Foreshore Inventory and Mapping (FIM) portion of the project collected baseline information on the current uses of Lake Winnipeg's south basin shoreline using criteria established for similar studies in British Colombia. The FIM uses maps and GIS tools to describe the shoreline in segments, 50 of which were defined along the 299 km stretchfrom Traverse Bayon the east shore to near Riverton on the west shore.
Format	JPEG
Resource Category	data
URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM_Segments_06_15/
Name	SHIM Segments 6-15

Description	The Foreshore Inventory and Mapping (FIM) portion of the project collected baseline information on the current uses of Lake Winnipeg's south basin shoreline using criteria established for similar studies in British Colombia. The FIM uses maps and GIS tools to describe the shoreline in segments, 50 of which were defined along the 299 km stretchfrom Traverse Bayon the east shore to near Riverton on the west shore.
Format	JPEG
Resource Category	data

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM_Segments_16_25/
Name	SHIM Segments 16-25
Description	The Foreshore Inventory and Mapping (FIM) portion of the project collected baseline information on the current uses of Lake Winnipeg's south basin shoreline using criteria established for similar studies in British Colombia. The FIM uses maps and GIS tools to describe the shoreline in segments, 50 of which were defined along the 299 km stretchfrom Traverse Bayon the east shore to near Riverton on the west shore.
Format	JPEG
Resource Category	data

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM_Segments_26_35/
Name	SHIM Segments 26-35
Description	The Foreshore Inventory and Mapping (FIM) portion of the project collected baseline information on the current uses of Lake Winnipeg's south basin shoreline using criteria established for similar studies in British Colombia. The FIM uses maps and GIS tools to describe the shoreline in segments, 50 of which were defined along the 299 km stretchfrom Traverse Bayon the east shore to near Riverton on the west shore.
Format	JPEG
Resource Category	data

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/shim_images_8a74_312d_cf2c/SHIM_Segments_36_47/
Name	SHIM Segments 36-47
Description	The Foreshore Inventory and Mapping (FIM) portion of the project collected baseline information on the current uses of Lake Winnipeg's south basin shoreline using criteria established for similar studies in British Colombia. The FIM uses maps and GIS tools to describe the shoreline in segments, 50 of which were defined along the 299 km stretchfrom Traverse Bayon the east shore to near Riverton on the west shore.
Format	JPEG
Resource Category	data