

# Metadata

|   |   |
|---|---|
| <b>Dataset Name</b>                     | Dataset example data  |
| <b>Dataset General Type</b>             | erddap  |
| <b>Dataset Type</b>                     | Dataset   |
| <b>Dataset Level</b>                    | 1.6   |
| <b>Program Website</b>                  | <a href="http://spdx.org/licenses">http://spdx.org/licenses</a>   |
| <b>Keyword Vocabulary</b>               | Polar Data Catalogue  |
| <b>Keyword Vocabulary URL</b>           | <a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a> |
| <b>Theme</b>                            |   |
| <b>Title</b>                            | Marine  |
| <b>URL</b>                              | <a href="https://lwbins-dev.ad.umanitoba.ca/data/group/marine">https://lwbins-dev.ad.umanitoba.ca/data/group/marine</a>       |
| <b>Dataset Status</b>                   | Complete  |
| <b>Maintenance and Update Frequency</b> | Not planned   |
| <b>Dataset Last Revision Date</b>       | 2021-11-08  |
| <b>Dataset DOI</b>                      | 10.1016/j.jglr.2011.12.012  |
| <b>Metadata Creation Date</b>           | 2023  |
| <b>Publisher</b>                        | CanWIN  |
| <b>Dataset Authors</b>                  |   |
| <b>Dataset Authors 1</b>                |   |
| <b>Name</b>                             | Burgers, Tonya  |
| <b>Type of Name</b>                     | Personal  |
| <b>Email</b>                            | <a href="mailto:portalco@umanitoba.ca">portalco@umanitoba.ca</a>  |
| <b>Affiliation</b>                      | Centre for Earth Observation Science - University of Manitoba   |
| <b>ORCID ID</b>                         |   |
| <b>Contributors</b>                     |   |
| <b>Project Data Curator</b>             | Herbert, Claire   |
| <b>Project Data Curator email</b>       | <a href="mailto:portalco@umanitoba.ca">portalco@umanitoba.ca</a>  |
| <b>Project Data Curator Affiliation</b> | Centre for Earth Observation Science - University of Manitoba   |
| <b>Dataset Collection Start Date</b>    | 2016-06-21  |

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|--|--|
| <b>Dataset Collection End Date</b>             | 2021-12-15   |
| <b>Sample Collection</b>                       |  |
| <b>Sample Collection 1</b>                     |  |
| <b>Sampling Instrument Name</b>                | test sample instrument   |
| <b>Standardized Sampling Instrument Name</b>   | Ice Drift Beacon   |
| <b>Sample Collection Method Name</b>           | test collecting ice beacon data  |
| <b>Comment</b>                                 |  |
| <b>Method Link</b>                             |  |
| <b>Method Summary</b>                          |  |
| <b>Method Description Type</b>                 | Methods  |
| <b>Activity Collection Type</b>                | Field Observation  |
| <b>Preferred citation</b>                      | This is a preferred Citation   |
| <b>Analytical Instrument</b>                   |  |
| <b>Analytical Instrument 1</b>                 |  |
| <b>Analytical Instrument Name</b>              | test analytical instrument namd  |
| <b>Standardized Analytical Instrument Name</b> | conductivity meters  |
| <b>Analytical Instrument Identifier Id</b>     | 123456dfs  |
| <b>Analytical Instrument Title Type</b>        | Alternative Title  |
| <b>Analytical Instrument Identifier Type</b>   | GRID   |
| <b>Analytical Method</b>                       |  |
| <b>License Name</b>                            | Open Government Licence 2.0 – Canada   |
| <b>License Type</b>                            | Open   |
| <b>Embargo Date</b>                            | 2021-12-29   |
| <b>Licence URL</b>                             | <a href="https://spdx.org/licenses">https://spdx.org/licenses</a>  |
| <b>Terms of Access</b>                         | CanWIN datasets are licensed individually, however most are licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0) Public License. Details for the licence applied can be found using the Licence URL link provided with each dataset. By using data and information provided on this site you accept the terms and conditions of the License. Unless otherwise specified, the license grants the rights to the public to use and share the data and results derived therefrom as long as the proper acknowledgment is given to the data licensor (citation), that any alteration to the data is clearly indicated, and that a link to the original data and the license is made available. |
| <b>Terms of Use</b>                            | By accessing this data you agree to [CanWIN's Terms of Use](https://dev.uni-manitoba.links.com.au/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0)  |
| <b>Awards</b>                                  |  |
| <b>Related Resources</b>                       |  |

|  |  |
|--|--|
| <b>Related Resources 1</b>                 |  |
| <b>Related Resource Name</b>               | An Integrated Sea Ice Project for BREA (U of M): Detection, Motion and RadarSAT Mapping of Extreme Ice Features in the Southern Beaufort Sea |
| <b>Resource Code</b>                       | 1993/33181   |
| <b>Identifier Type</b>                     | Handle   |
| <b>Relationship To This Dataset</b>        | IsSupplementTo   |
| <b>Resource Type</b>                       | Online Resource  |
| <b>Type</b>                                | Report   |
| <b>Series Name</b>                         |  |
| <b>Publications</b>                        |  |
| <b>Publications 1</b>                      |  |
| <b>Publication Name</b>                    | Effect of terrestrial organic matter on ocean acidification and CO2 flux in an Arctic shelf sea  |
| <b>Identifier Code</b>                     | 10.1016/j.pocean.2020.102319   |
| <b>Identifier Type</b>                     | DOI  |
| <b>Relationship to this dataset</b>        | IsSupplementedBy   |
| <b>Resource Type</b>                       | Online Resource  |
| <b>Publication Type</b>                    | JournalArticle   |
| <b>Publications 2</b>                      |  |
| <b>Publication Name</b>                    | test publication link  |
| <b>Identifier Code</b>                     | <a href="https://doi.org/10.5194/os-17-1367-2021">https://doi.org/10.5194/os-17-1367-2021</a>  |
| <b>Identifier Type</b>                     | URL  |
| <b>Relationship to this dataset</b>        | Documents  |
| <b>Resource Type</b>                       | Online Resource  |
| <b>Publication Type</b>                    | JournalArticle   |
| <b>Spatial regions</b>                     | northern-hemisphere  |
| <b>Spatial extent West Bound Longitude</b> | 127.45739221572876   |
| <b>Spatial extent East Bound Longitude</b> | -27.066243609948597  |
| <b>Spatial extent South Bound Latitude</b> | -19.980860824921276  |
| <b>Spatial extent North Bound Latitude</b> | 140.81676721572876   |

## Data and Resources

|                          |   |
|--------------------------|---|
| <b>URL</b>               | <a href="https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/GreenEdge_Nutrient_3e39_afd6_0a1e.csvp?project_name%2Cplatform_name%2CCruise%2CStation%2Csample_date%2Clatitude%2Clongitude%2Clongitude_east%2CCast%2CBottle%2Cdepth%2Csample_depth_m%2CN">https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/GreenEdge_Nutrient_3e39_afd6_0a1e.csvp?project_name%2Cplatform_name%2CCruise%2CStation%2Csample_date%2Clatitude%2Clongitude%2Clongitude_east%2CCast%2CBottle%2Cdepth%2Csample_depth_m%2CN</a> |
| <b>Name</b>              | Greenedge nutrient data ERDDAP  |
| <b>Description</b>       | Example dataset from ERDDAP   |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |

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|--------------------------|---|
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/c1224837-36a2-4aa2-8c16-48397d99a087/download/geotraces-2015_dg">https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/c1224837-36a2-4aa2-8c16-48397d99a087/download/geotraces-2015_dg</a> |
| <b>Name</b>              | Raw data example  |
| <b>Description</b>       | example of raw data file and excel file   |
| <b>Format</b>            | XLSX  |
| <b>Resource Category</b> | raw_data  |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/9c8a9ded-b7cd-4c46-9e81-8868de476078/download/dataset_51_diatom">https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/9c8a9ded-b7cd-4c46-9e81-8868de476078/download/dataset_51_diatom</a> |
| <b>Name</b>              | Example of script   |
| <b>Description</b>       | example of script and json file   |
| <b>Format</b>            | JSON  |
| <b>Resource Category</b> | scripts   |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/9ec81adb-0017-400d-9a03-85e42172b102/download/sbedataprocessing">https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/9ec81adb-0017-400d-9a03-85e42172b102/download/sbedataprocessing</a> |
| <b>Name</b>              | Example of pdf file   |
| <b>Description</b>       | example of pdf document   |
| <b>Format</b>            | PDF   |
| <b>Resource Category</b> | documents   |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/709c3d41-9ae7-41cd-bdcb-ef119c057ddb/download/cisraster.zip">https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/709c3d41-9ae7-41cd-bdcb-ef119c057ddb/download/cisraster.zip</a>         |
| <b>Name</b>              | Example of zip file and supplemental data   |
| <b>Description</b>       | example of supplemental data file   |
| <b>Format</b>            | ZIP   |
| <b>Resource Category</b> | supplemental  |
| <b>URL</b>               | <a href="https://www.arcgis.com/apps/dashboards/29e86894292e449aa75763b077281b5b">https://www.arcgis.com/apps/dashboards/29e86894292e449aa75763b077281b5b</a>   |
| <b>Name</b>              | Web Services Example  |
| <b>Description</b>       | Manitoba ArcGIS Covid Map   |
| <b>Format</b>            | HTML  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/wfs?request=GetFeature&amp;typeName=lake_winnipeg_buoys">https://canwinmap.ad.umanitoba.ca/geoserver/wfs?request=GetFeature&amp;typeName=lake_winnipeg_buoys</a>   |
| <b>Name</b>              | Lake Winnipeg Buoys   |
| <b>Description</b>       | WFS request layer   |
| <b>Format</b>            | WFS   |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/wfs?request=GetFeature&amp;typeName=Province of Manitoba Sample stations">https://canwinmap.ad.umanitoba.ca/geoserver/wfs?request=GetFeature&amp;typeName=Province of Manitoba Sample stations</a>   |
| <b>Name</b>              | Prov Mb sites   |
| <b>Description</b>       |   |
| <b>Format</b>            | WFS   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/6442b87a-b9f9-43c7-8335-584a4653b46a/download/morris_watersheds">https://lwbins-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/6442b87a-b9f9-43c7-8335-584a4653b46a/download/morris_watersheds</a> |
| <b>Name</b>              | shapefile zipped  |
| <b>Description</b>       |   |
| <b>Format</b>            | SHP   |

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|--------------------------|---|
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/wms?request=GetFeature&amp;typeName=lake_winnipeg_buoys">https://canwinmap.ad.umanitoba.ca/geoserver/wms?request=GetFeature&amp;typeName=lake_winnipeg_buoys</a>   |
| <b>Name</b>              | Lake Winnipeg buoys wms request layer   |
| <b>Description</b>       | wms request layer   |
| <b>Format</b>            | WMS   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3AMMF_stations&amp;outputFormat=json&amp;srs=EPSG%3A4326">https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3AMMF_stations&amp;outputFormat=json&amp;srs=EPSG%3A4326</a>   |
| <b>Name</b>              | met stns test geojson   |
| <b>Description</b>       | geojson   |
| <b>Format</b>            | GeoJSON   |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3ADrainage_regions_Regions_de_drainage&amp;outputFormat=json&amp;srs=EPSG%3A4326">https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3ADrainage_regions_Regions_de_drainage&amp;outputFormat=json&amp;srs=EPSG%3A4326</a> |
| <b>Name</b>              | drainage regions polygon geojson test   |
| <b>Description</b>       | geojson from geonode test   |
| <b>Format</b>            | GeoJSON   |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/api/v2/layers?format=json&amp;filter[alternate.in][]=geonode:LwpgbasinDEM_WGS841">https://canwinmap.ad.umanitoba.ca/api/v2/layers?format=json&amp;filter[alternate.in][]=geonode:LwpgbasinDEM_WGS841</a>   |
| <b>Name</b>              | lwpbasin dem json example   |
| <b>Description</b>       | json exampmle   |
| <b>Format</b>            | JSON  |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WMS&amp;request=GetMap&amp;layers=geonode%3Apermanent_snow_and_ice_20">https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WMS&amp;request=GetMap&amp;layers=geonode%3Apermanent_snow_and_ice_20</a>   |
| <b>Name</b>              | test wms  |
| <b>Description</b>       | wms layer   |
| <b>Format</b>            | WMS   |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://geoserver.ccadi.ca/geoserver/ows">https://geoserver.ccadi.ca/geoserver/ows</a>   |
| <b>Name</b>              | CCADI MODDAT example  |
| <b>Description</b>       | wms link from geoserver   |
| <b>Format</b>            | WMS   |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://sig-gis.cen.ulaval.ca:8443/erddap/tabledap/modaat_aina-57.csvp?time%2CnetworkId%2CstationCode%2Clatitude%2Clongitude%2Caltitude%2CsubStationCode%2Cquality">https://sig-gis.cen.ulaval.ca:8443/erddap/tabledap/modaat_aina-57.csvp?time%2CnetworkId%2CstationCode%2Clatitude%2Clongitude%2Caltitude%2CsubStationCode%2Cquality</a>   |
| <b>Name</b>              | erddap modaat csv   |
| <b>Description</b>       | Example from MODDAT data  |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://geoserver.ccadi.ca/geoserver/ows?service=wfs&amp;version=2.0.0&amp;request=GetCapabilities">https://geoserver.ccadi.ca/geoserver/ows?service=wfs&amp;version=2.0.0&amp;request=GetCapabilities</a>   |
| <b>Name</b>              | MODDAT data WFS   |

|                          |   |
|--------------------------|---|
| <b>Description</b>       | WFS for CCADI work from CCADI geoserver   |
| <b>Format</b>            | WFS   |
| <b>Resource Category</b> | web_services  |
| <b>URL</b>               | <a href="https://lwbin-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/fc2d47f7-784a-4416-9ef2-0add27c45fb1/download/snow_depth_decemb">https://lwbin-dev.ad.umanitoba.ca/data/dataset/c4a36057-35a7-4213-a840-2eeb9350e79e/resource/fc2d47f7-784a-4416-9ef2-0add27c45fb1/download/snow_depth_decemb</a> |
| <b>Name</b>              | snow depth  |
| <b>Description</b>       |   |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |

## Related Publications

|              |   |
|--------------|---|
| <b>Title</b> | CanWIN Data Statement   |
| <b>URL</b>   | <a href="https://lwbin-dev.ad.umanitoba.ca/data/publication/canwin-data-statement">https://lwbin-dev.ad.umanitoba.ca/data/publication/canwin-data-statement</a> |

## Instrument details

|              |   |
|--------------|---|
| <b>Title</b> | Ecotriplet 1437   |
| <b>URL</b>   | <a href="https://lwbin-dev.ad.umanitoba.ca/data/instrument_details/ecotriplet-1437">https://lwbin-dev.ad.umanitoba.ca/data/instrument_details/ecotriplet-1437</a> |

## Deployment details

|              |   |
|--------------|---|
| <b>Title</b> | test deployment   |
| <b>URL</b>   | <a href="https://lwbin-dev.ad.umanitoba.ca/data/deployment_details/test-deployment2">https://lwbin-dev.ad.umanitoba.ca/data/deployment_details/test-deployment2</a> |