

# Metadata

|   |   |
|---|---|
| <b>Dataset Name</b>                     | Particulate organic carbon in ice and water - Hudson Bay 2018   |
| <b>Dataset General Type</b>             | carbon data   |
| <b>Dataset Type</b>                     | Dataset   |
| <b>Dataset Level</b>                    |   |
| <b>Program Website</b>                  |   |
| <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>Dataset Status</b>                   | Complete  |
| <b>Maintenance and Update Frequency</b> | Not planned   |
| <b>Dataset Last Revision Date</b>       | 2020-11-06  |
| <b>Dataset DOI</b>                      |   |
| <b>Metadata Creation Date</b>           | 2022  |
| <b>Publisher</b>                        | CanWIN  |
| <b>Dataset Authors</b>                  |   |
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**Dataset Collection Start Date**

2018-05-31

**Dataset Collection End Date**

2018-07-01

**Sample Collection****Sample Collection 1**

**Sampling Instrument Name** Rosette Sampler

**Standardized Sampling Instrument Name** discrete water samplers

**Sample Collection Method Name** Water collection

**Comment**

**Method Link**

**Method  
Summary**

**Method  
Description  
Type**

**Sample  
Collection 2**

**Sampling  
Instrument  
Name** Submersible pump (Cyclone®)

**Standardized  
Sampling  
Instrument  
Name**

**Sample  
Collection  
Method Name** Water collection

**Comment**

**Method Link**

**Method  
Summary**

**Method  
Description  
Type**

**Sample  
Collection 3**

**Sampling  
Instrument  
Name** Core barrel

**Standardized  
Sampling  
Instrument  
Name** KOVACS ice coring systems

**Sample  
Collection  
Method Name** Ice core collection

**Comment**

**Method Link**

**Method  
Summary**

**Method  
Description  
Type**

**Sample  
Collection 4**

**Sampling  
Instrument  
Name**

**Standardized  
Sampling  
Instrument  
Name**

**Sample  
Collection  
Method Name**

**Comment**

**Method Link**

**Method  
Summary**

**Method  
Description  
Type**

**Activity  
Collection  
Type**

Field Measurement

**Preferred  
citation**

**Analytical  
Instrument**

**Analytical  
Instrument 1**

**Analytical  
Instrument  
Name**

DeltaPlus XP Isotope Ratio Mass Spectrometer (IRMS, Thermo Electron Co)

**Standardized  
Analytical  
Instrument  
Name**

**Analytical  
Instrument  
Identifier Id**

**Analytical  
Instrument  
Title Type**

Alternative Title

**Analytical  
Instrument  
Identifier Type**

**Analytical  
Method**

|                                     |  |
|-------------------------------------|--|
| <b>License Name</b>                 | Creative Commons Attribution 4.0 International   |
| <b>Licence Type</b>                 | Open   |
| <b>Embargo Date</b>                 |  |
| <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](/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>        |  |
| <b>Resource Code</b>                |  |
| <b>Identifier Type</b>              |  |
| <b>Relationship To This Dataset</b> |  |
| <b>Resource Type</b>                | Online Resource  |
| <b>Type</b>                         |  |
| <b>Series Name</b>                  |  |
| <b>Publications</b>                 |  |
| <b>Publications 1</b>               |  |
| <b>Publication Name</b>             | Light propagation in ice-covered environments: Seasonal progression and biological implications. PhD thesis.   |
| <b>Identifier Code</b>              | <a href="http://hdl.handle.net/1993/35352">http://hdl.handle.net/1993/35352</a>  |

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|--|--|
| <b>Identifier Type</b>                     |  |
| <b>Relationship to this dataset</b>        | Describes  |
| <b>Resource Type</b>                       | Online Resource  |
| <b>Publication Type</b>                    | Dissertation   |
| <b>Publications 2</b>                      |  |
| <b>Publication Name</b>                    | Environmental drivers of spring primary production in Hudson Bay |
| <b>Identifier Code</b>                     | doi.org/10.1525/elementa.2020.00160                              |
| <b>Identifier Type</b>                     | DOI  |
| <b>Relationship to this dataset</b>        |  |
| <b>Resource Type</b>                       | Online Resource  |
| <b>Publication Type</b>                    | JournalArticle   |
| <b>Spatial regions</b>                     | hudson-bay   |
| <b>Spatial extent West Bound Longitude</b> |  |
| <b>Spatial extent East Bound Longitude</b> |  |
| <b>Spatial extent South Bound Latitude</b> |  |
| <b>Spatial extent North Bound Latitude</b> |  |

# Data and Resources

|                          |   |
|--------------------------|---|
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/abeccd24-eedc-4ef5-862a-f90e7266c569/download/baysys2018_particulate_organic_carbon_ice.csv">https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/abeccd24-eedc-4ef5-862a-f90e7266c569/download/baysys2018_particulate_organic_carbon_ice.csv</a>                               |
| <b>Name</b>              | Particulate organic carbon - ice  |
| <b>Description</b>       | Particulate organic and total carbon of bottom-ice algal communities and Melosira arctica - Hudson Bay 2018   |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/5fdf34cf-517a-4215-86d0-b5af479afbbe/download/baysys2018_particulate_organic_carbon_ice_supplemental.pdf">https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/5fdf34cf-517a-4215-86d0-b5af479afbbe/download/baysys2018_particulate_organic_carbon_ice_supplemental.pdf</a>     |
| <b>Name</b>              | Supplemental Metadata - ice   |
| <b>Description</b>       | Supplemental information - station information, variable details, and data file details.  |
| <b>Format</b>            | PDF   |
| <b>Resource Category</b> | supplemental  |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/e3dfb0d7-ba4e-4070-948d-591d80dc8184/download/baysys2018_particulate_organic_carbon_water.csv">https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/e3dfb0d7-ba4e-4070-948d-591d80dc8184/download/baysys2018_particulate_organic_carbon_water.csv</a>                           |
| <b>Name</b>              | Particulate organic carbon - water  |
| <b>Description</b>       | Particulate organic and total carbon of phytoplankton and melt pond communities - Hudson Bay 2018.  |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/8ec3886f-2aa2-4837-b9fc-17f451c8804f/download/baysys2018_particulate_organic_carbon_water_supplemental.pdf">https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/8ec3886f-2aa2-4837-b9fc-17f451c8804f/download/baysys2018_particulate_organic_carbon_water_supplemental.pdf</a> |
| <b>Name</b>              | Supplemental Metadata - water   |
| <b>Description</b>       | Supplemental information - station information, variable details, and data file details.  |
| <b>Format</b>            | PDF   |
| <b>Resource Category</b> | supplemental  |



# Campaigns

**Title** 2018 Spring Hudson Bay Wide CCGS Amundsen Campaign

**URL** <https://lwb-in-dev.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>