

# 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>Title</b>	Marine
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/marine">https://canwin-datahub.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>	2020-11-06
<b>Dataset DOI</b>	10.34992/gt8c-5v78
<b>Metadata Creation Date</b>	2023
<b>Publisher</b>	CanWIN

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## Contributors

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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** Methods

### **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** Methods

### **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** Methods

**Sample Collection 4**

**Sampling Instrument Name**

**Standardized Sampling Instrument Name**

**Sample Collection Method Name**

**Comment**

**Method Link**

**Method Summary**

**Method Description Type** Methods

**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

### 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**

<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>
<b>Identifier Type</b>	
<b>Relationship to this dataset</b>	Describes
<b>Resource Type</b>	Online Resource
<b>Publication Type</b>	Dissertation

**Publications 2**

<b>Publication Name</b>	Environmental drivers of spring primary production in Hudson Bay
<b>Identifier Code</b>	<a href="https://doi.org/10.1525/elementa.2020.00160">doi.org/10.1525/elementa.2020.00160</a>
<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
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<b>Spatial extent West Bound Longitude</b>	
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<b>Spatial extent East Bound Longitude</b>	
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<b>Spatial extent South Bound Latitude</b>	
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<b>Spatial extent North Bound Latitude</b>	
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# Data and Resources

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/abeccd24-eedc-4ef5-862a-f90e7266c569/download/baysys2018_particulate_organic_carbon_ice.csv">https://canwin-datahub.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://canwin-datahub.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://canwin-datahub.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://canwin-datahub.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/e3dfb0d7-ba4e-4070-948d-591d80dc8184/download/baysys2018_particulate_organic_carbon_water.csv">https://canwin-datahub.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://canwin-datahub.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://canwin-datahub.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

<b>Title</b>	2018 Spring Hudson Bay Wide CCGS Amundsen Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign">https://canwin-datahub.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign</a>