

# Metadata

<b>Dataset Name</b>	Algal pigments in ice and water - Hudson Bay 2018
<b>Dataset General Type</b>	algal pigments
<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/fr/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine</a>
<b>Dataset Status</b>	Planned
<b>Maintenance and Update Frequency</b>	Not planned
<b>Dataset Last Revision Date</b>	2020-11-16
<b>Dataset DOI</b>	10.34992/e9kb-6s68
<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** 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 2**

**Sampling  
Instrument  
Name**

Rosette Sampler

**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**

Niskin bottles

**Standardized  
Sampling  
Instrument  
Name**

Niskin Bottle

**Sample  
Collection  
Method Name**

Water collection

**Comment**

**Method Link**

**Method  
Summary**

**Method Description Type** Methods

**Sample Collection 4**

**Sampling Instrument Name** Pump/Non-Submersible

**Standardized Sampling Instrument Name**

**Sample Collection Method Name** Water collection

**Comment**

**Method Link**

**Method Summary**

**Method Description Type** Methods

**Activity Collection Type**

**Preferred citation**

**Analytical Instrument**

**Analytical Instrument 1**

**Analytical Instrument Name** High-performance liquid chromatography (HPLC)

**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>	URL
<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/219b7f18-e6f4-452f-80bb-c457156bf845/resource/21e15411-9ede-4b15-8724-f0208c3d8e4d/download/baysys2018_hplc_algal_pigments_ice.xlsx">https://canwin-datahub.ad.umanitoba.ca/data/dataset/219b7f18-e6f4-452f-80bb-c457156bf845/resource/21e15411-9ede-4b15-8724-f0208c3d8e4d/download/baysys2018_hplc_algal_pigments_ice.xlsx</a>
<b>Name</b>	Algal pigments - ice
<b>Description</b>	Pigment concentrations of bottom-ice communities in Hudson Bay.
<b>Format</b>	
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/219b7f18-e6f4-452f-80bb-c457156bf845/resource/e8a92f32-5f9c-48b8-8fd7-bed75d4659fb/download/baysys2018_hplc_algal_pigments_water_supplemental.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/219b7f18-e6f4-452f-80bb-c457156bf845/resource/e8a92f32-5f9c-48b8-8fd7-bed75d4659fb/download/baysys2018_hplc_algal_pigments_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
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/219b7f18-e6f4-452f-80bb-c457156bf845/resource/99702e53-3ab2-42bd-996e-eccd0382963a/download/baysys2018_hplc_algal_pigments_ice_supplemental.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/219b7f18-e6f4-452f-80bb-c457156bf845/resource/99702e53-3ab2-42bd-996e-eccd0382963a/download/baysys2018_hplc_algal_pigments_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/219b7f18-e6f4-452f-80bb-c457156bf845/resource/2d1d2b7d-cc9c-42dc-abad-6ca8486bb26b/download/baysys2018_hplc_algal_pigments_water.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/219b7f18-e6f4-452f-80bb-c457156bf845/resource/2d1d2b7d-cc9c-42dc-abad-6ca8486bb26b/download/baysys2018_hplc_algal_pigments_water.csv</a>
<b>Name</b>	Algal pigments - water
<b>Description</b>	Pigment concentrations of phytoplankton and melt pond communities in Hudson Bay 2018
<b>Format</b>	CSV
<b>Resource Category</b>	data

# Campaigns

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

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>