

# 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/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/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

## Dataset Authors

### Dataset Authors 1

**Name** Matthes, Lisa. C  
**Type of Name** Personal  
**Email** [matthesl@myumanitoba.ca](mailto:matthesl@myumanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID** 0000-0002-7362-0417  
ORCID  
<http://orcid.org/>

### Dataset Authors 2

**Name** Mundy, C.J.  
**Type of Name** Personal  
**Email** [cj.mundy@umanitoba.ca](mailto:cj.mundy@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

### Dataset Authors 3

**Name** Ehns, Jens  
**Type of Name** Personal  
**Email** [jens.ehn@umanitoba.ca](mailto:jens.ehn@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

## Contributors

### Contributors 1

**Name** Mundy, C.J.  
**Role** Supervisor  
**Email** [cj.mundy@umanitoba.ca](mailto:cj.mundy@umanitoba.ca)

**Affiliation** Centre for Earth Observation Science - University of Manitoba

**ORCID ID**

**Contributors 2**

**Name** Ehns, Jens

**Role** Supervisor

**Email** [jens.ehn@umanitoba.ca](mailto:jens.ehn@umanitoba.ca)

**Affiliation** Centre for Earth Observation Science - University of Manitoba

**ORCID ID**

**Project Data Curator** Matthes, Lisa. C

**Project Data Curator email** [matthesl@myumanitoba.ca](mailto:matthesl@myumanitoba.ca)

**Project Data Curator Affiliation** Centre for Earth Observation Science - University of Manitoba

**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>

## Terms of Access

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.

## Terms of Use

By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).

## 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
------------------------	------------

<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://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/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>