

Metadata

Dataset Name	Algal pigments in ice and water - Hudson Bay 2018
Dataset General Type	algal pigments
Dataset Type	Dataset
Dataset Level	
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine
Dataset Status	Planned
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2020-11-16
Dataset DOI	10.34992/e9kb-6s68
Metadata Creation Date	2023
Publisher	CanWIN

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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

Publication Name	Light propagation in ice-covered environments: Seasonal progression and biological implications. PhD thesis.
Identifier Code	http://hdl.handle.net/1993/35352
Identifier Type	URL
Relationship to this dataset	Describes
Resource Type	Online Resource
Publication Type	Dissertation

Publications 2

Publication Name	Environmental drivers of spring primary production in Hudson Bay
Identifier Code	doi.org/10.1525/elementa.2020.00160
Identifier Type	DOI
Relationship to this dataset	
Resource Type	Online Resource
Publication Type	JournalArticle

Spatial regions	hudson-bay
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Spatial extent West Bound Longitude	
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Spatial extent East Bound Longitude	
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Spatial extent South Bound Latitude	
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Spatial extent North Bound Latitude	
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Data and Resources

URL	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
Name	Algal pigments - ice
Description	Pigment concentrations of bottom-ice communities in Hudson Bay.
Format	
Resource Category	data
URL	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
Name	Supplemental Metadata - water
Description	Supplemental information - station information, variable details, and data file details.
Format	PDF
Resource Category	supplemental
URL	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
Name	Supplemental Metadata - ice
Description	Supplemental information - station information, variable details, and data file details.
Format	PDF
Resource Category	supplemental
URL	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
Name	Algal pigments - water
Description	Pigment concentrations of phytoplankton and melt pond communities in Hudson Bay 2018
Format	CSV
Resource Category	data

Campaigns

Title 2018 Spring Hudson Bay Wide CCGS Amundsen Campaign

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