

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 |
|------------------------|------------|

| | |
|--|--|
| 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 | |
|--|--|

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>