

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/fr/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

Dataset Authors

Dataset Authors 1

Name Matthes, Lisa. C
Type of Name Personal
Email 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
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
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

Affiliation Centre for Earth Observation Science - University of Manitoba

ORCID ID

Contributors 2

Name Ehns, Jens

Role Supervisor

Email 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

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

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	
--	--

Spatial extent East Bound Longitude	
--	--

Spatial extent South Bound Latitude	
--	--

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/fr/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>