

Metadata

Dataset Name	Particulate organic carbon in ice and water - Hudson Bay 2018
Dataset General Type	carbon data
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	Complete
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2020-11-06
Dataset DOI	10.34992/gt8c-5v78
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

Affiliation

ORCID ID

Contributors 2

Name Ehns, Jens

Role Supervisor

Email

Affiliation

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 Rosette Sampler

Standardized Sampling Instrument Name discrete water samplers

**Sample
Collection
Method Name** Water collection

Comment

Method Link

**Method
Summary**

**Method
Description
Type** Methods

Sample Collection 2

**Sampling
Instrument
Name** Submersible pump (Cyclone®)

**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** 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 4

Sampling Instrument Name

Standardized Sampling Instrument Name

Sample Collection Method Name

Comment

Method Link

Method Summary

Method Description Type Methods

Activity Collection Type Field Measurement

Preferred citation

Analytical Instrument

Analytical Instrument 1

Analytical Instrument Name DeltaPlus XP Isotope Ratio Mass Spectrometer (IRMS, Thermo Electron Co)

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	
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/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/abeccd24-eedc-4ef5-862a-f90e7266c569/download/baysys2018_particulate_organic_carbon_ice.csv
Name	Particulate organic carbon - ice
Description	Particulate organic and total carbon of bottom-ice algal communities and Melosira arctica - Hudson Bay 2018
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/5fdf34cf-517a-4215-86d0-b5af479afbbe/download/baysys2018_particulate_organic_carbon_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/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/e3dfb0d7-ba4e-4070-948d-591d80dc8184/download/baysys2018_particulate_organic_carbon_water.csv
Name	Particulate organic carbon - water
Description	Particulate organic and total carbon of phytoplankton and melt pond communities - Hudson Bay 2018.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/8ec3886f-2aa2-4837-b9fc-17f451c8804f/download/baysys2018_particulate_organic_carbon_water_supplemental.pdf
Name	Supplemental Metadata - water
Description	Supplemental information - station information, variable details, and data file details.
Format	PDF
Resource Category	supplemental

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>