

Metadata

Title	Hudson Bay System Study (BaySys)
Research Program Name	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Website	https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys
Theme	
Title	Cryosphere
URL	https://lwbins-dev.ad.umanitoba.ca/data/fr/group/cryosphere
Title	Freshwater
URL	https://lwbins-dev.ad.umanitoba.ca/data/fr/group/freshwater
Title	Marine
URL	https://lwbins-dev.ad.umanitoba.ca/data/fr/group/marine
Title	Remote Sensing
URL	https://lwbins-dev.ad.umanitoba.ca/data/fr/group/remote-sensing
Status	Complete
Project Area	Hudson Bay Complex
Spatial regions	hudson-bay
Spatial extent West Bound Longitude	
Spatial extent East Bound Longitude	

Spatial extent South Bound Latitude	
Spatial extent North Bound Latitude	
Project DOI	10.5203/x6hd-2n79
Metadata Creation Date	2022
Publisher	CanWIN
Principal Investigators	
Principal Investigators 1	
Principal Investigator Name	Barber, David
Type of Name	Personal
Principal Investigator Email	David.Barber@umanitoba.ca
Principal Investigator Affiliation	Centre for Earth Observation Science - University of Manitoba
Principal Investigator ORCID ID	0000-0001-9466-3291
	ORCID
	http://orcid.org/
Co-Investigators	
Co-Investigators 1	
Co-Investigator Name	Ali, Geneviève

**Co-Investigator
Role** Researcher

**Co-Investigator
Email**

**Co-Investigator
Affiliation**

**Co-Investigator
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Co-Investigators 2

**Co-Investigator
Name** Kuzyk, Zou Zou

**Co-Investigator
Role** Researcher

**Co-Investigator
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**Co-Investigator
Affiliation**

**Co-Investigator
ORCID ID**

Co-Investigators 3

**Co-Investigator
Name** Lobb, David

**Co-Investigator
Role** Researcher

**Co-Investigator
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**Co-Investigator
Affiliation**

Co-
Investigator
ORCID ID

Co-
Investigators 4

Co- Investigator Name	Lovejoy, Connie
Co- Investigator Role	Researcher
Co- Investigator Email	
Co- Investigator Affiliation	
Co- Investigator ORCID ID	

Co-
Investigators 5

Co- Investigator Name	Maps, Frédéric
Co- Investigator Role	Researcher
Co- Investigator Email	
Co- Investigator Affiliation	
Co- Investigator ORCID ID	

Co-
Investigators 6

Co-Investigator Name Mundy, Christopher

Co-Investigator Role Researcher

Co-Investigator Email

Co-Investigator Affiliation

Co-Investigator ORCID ID

Co-Investigators 7

Co-Investigator Name Myers, Paul

Co-Investigator Role Researcher

Co-Investigator Email

Co-Investigator Affiliation

Co-Investigator ORCID ID

Co-Investigators 8

Co-Investigator Name Owens, Philip

Co-Investigator Role Researcher

Co-Investigator Email

Co-
Investigator
Affiliation

Co-
Investigator
ORCID ID

Co-
Investigators 9

Co-
Investigator
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Papakyriakou, Timothy

Co-
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Co-
Investigator
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Co-
Investigator
Affiliation

Co-
Investigator
ORCID ID

Co-
Investigators
10

Co-
Investigator
Name

Petticrew, Ellen

Co-
Investigator
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Co-
Investigator
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Co-
Investigator
Affiliation

Co-
Investigator
ORCID ID

**Co-
Investigators
11**

Co- Investigator Name	Stadnyk, Tricia
Co- Investigator Role	Researcher
Co- Investigator Email	
Co- Investigator Affiliation	
Co- Investigator ORCID ID	

**Co-
Investigators
12**

Co- Investigator Name	Archambault, Philippe
Co- Investigator Role	Researcher
Co- Investigator Email	
Co- Investigator Affiliation	
Co- Investigator ORCID ID	

**Co-
Investigators
13**

Co- Investigator Name	Stern, Gary
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Co-Investigator Role	Researcher
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Co-Investigator Email	
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Co-Investigator Affiliation	
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Co-Investigator ORCID ID	
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Co-Investigators
14

Co-Investigator Name	Tremblay, Jean-Éric
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Co-Investigator Role	Researcher
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Co-Investigator Email	
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Co-Investigator Affiliation	
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Co-Investigator ORCID ID	
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Co-Investigators
15

Co-Investigator Name	Wang, Feiyue
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Co-Investigator Role	Researcher
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Co-Investigator Email	
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Co-
Investigator
Affiliation

Co-
Investigator
ORCID ID

Co-
Investigators
16

Co-
Investigator
Name

Bélanger, Simon

Co-
Investigator
Role

Researcher

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Investigator
Email

Co-
Investigator
Affiliation

Co-
Investigator
ORCID ID

Co-
Investigators
17

Co-
Investigator
Name

Dery, Stephen

Co-
Investigator
Role

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Investigator
Email

Co-
Investigator
Affiliation

Co-
Investigator
ORCID ID

**Co-
Investigators
18**

Co- Investigator Name	Dmitrenko, Igor
Co- Investigator Role	Researcher
Co- Investigator Email	
Co- Investigator Affiliation	
Co- Investigator ORCID ID	

**Co-
Investigators
19**

Co- Investigator Name	Ehn, Jens
Co- Investigator Role	Researcher
Co- Investigator Email	
Co- Investigator Affiliation	
Co- Investigator ORCID ID	

**Co-
Investigators
20**

Co- Investigator Name	Else, Brent
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**Co-Investigator
Role** Researcher

**Co-Investigator
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**Co-Investigator
Affiliation**

**Co-Investigator
ORCID ID**

**Co-Investigators
21**

**Co-Investigator
Name** Fortier, Louis

**Co-Investigator
Role** Researcher

**Co-Investigator
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**Co-Investigator
Affiliation**

**Co-Investigator
ORCID ID**

**Co-Investigators
22**

**Co-Investigator
Name** Guéguen, Céline

**Co-Investigator
Role** Researcher

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Co-Investigator Affiliation Co-Investigator ORCID ID	
Project Data Curator	David Landry
Project Data Curator email	David.Landry@umanitoba.ca
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Project Start Date	2016-09-26
Project End Date	
License Name	Creative Commons Attribution 4.0 International
Licence Schema Name	SPDX
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](https://dev.uni-manitoba.links.com.au/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
Awards	
Awards 1	
Award Title	BaySys - Contributions of climate change and hydro-electric regulation to the variability and change of freshwater-marine coupling in the Hudson Bay system

Award URL	https://www.nserc-crsng.gc.ca/ase-oro/Details-Detailles_eng.asp?id=696303
Funder Name	Natural Sciences and Engineering Research Council (NSERC)
Funder Identifier	01h531d29
Funder Identifier Type	ROR
Funder identifier URL	https://ror.org
Grant Number	
Related Facilities	

Data and Resources

URL	https://lwbin-dev.ad.umanitoba.ca/data/dataset/504c728f-da7d-4da9-acab-8430ed5c47ea/resource/000bc406-169f-4a43-a7c9-176782762c67/download/baysys_samplingstationdata_aoi_202102.jpg
Name	BaySys Sampling Stations: 2016-2018
Description	Sampling stations throughout the Hudson Bay Complex as a part of the Hudson Bay System Study, 2016-2018.
Format	JPEG
Resource Category	
URL	https://lwbin-dev.ad.umanitoba.ca/data/dataset/504c728f-da7d-4da9-acab-8430ed5c47ea/resource/c4738c43-6116-4906-aea4-6f592285aac6/download/baysys_stations.csv
Name	BaySys Station List
Description	The master station list for the BaySys Project.
Format	CSV
Resource Category	

Sub-projects

Title	Contaminants
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/carbon-cycling
Title	Ocean modelling
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/ocean-modelling
Title	Marine ecosystems
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/marine-ecosystems-team-3-baysys
Title	Marine/climate systems
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/marine-and-climate-system-team-1
Title	Freshwater
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/freshwater-systems-team-2
Title	Carbon cycling
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/carbon-sampling-baysys-team-4
Title	Lisa Matthes - PhD Project
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/project/lisa-matthes-phd-project

Related Datasets

Title	BaySys Remote Sensing Data
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/dataset/remote-sensing-data
Title	BaySys Ice Beacon Data- Churchill River (2017) and Hudson Bay (2018)
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/dataset/baysys-ice-beacon-data
Title	BaySys Physical Ice Sampling Data - 2017-2018
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/dataset/baysys-physical-ice-sampling-data-2017

Related Publications

Title	BaySys Theses and Dissertations
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/publication/baysys-theses-and-dissertations

Deployment details

Title	BaySys Physical Ice - Deployment 3
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/deployment_details/ccgs-amundsen-2018-ice-sampling
Title	BaySys Physical Ice - Deployment 1
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017
Title	BaySys Physical Ice - Deployment 2
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017-landfast-ice-survey

Campaigns

Title	2017 Winter Churchill River and Mobile Ice Survey
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/campaign/2017-winter-churchill-river-and-mobile-ice-survey
Title	2017 Winter Nelson Estuary Landfast Ice Survey
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/campaign/2017-winter-nelson-estuary-landfast-ice-survey
Title	2017 Winter and Spring Sediment Coring and Water Sampling Campaign
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/campaign/2017-winter-and-spring-sediment-coring-and-water-sampling-campaign
Title	2018 Fall RV William Kennedy Mooring Retrieval
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/campaign/2018-fall-rv-william-kennedy-mooring-retrieval
Title	2018 Spring Hudson Bay Wide CCGS Amundsen Campaign
URL	https://lwbin-dev.ad.umanitoba.ca/data/fr/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign