

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://canwin-datahub.ad.umanitoba.ca/data/fr/group/cryosphere |
| Title | Freshwater |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/group/freshwater |
| Title | Marine |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine |
| 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
ORCID ID**

**Co-
Investigators 2**

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

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 3**

**Co-
Investigator
Name** Dery, Stephen

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 4**

**Co-
Investigator
Name** Else, Brent

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 5**

**Co-
Investigator
Name** Fortier, Louis

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 6**

**Co-
Investigator
Name** Guéguen, Céline

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 7**

**Co-
Investigator
Name** Lobb, David

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 8**

**Co-
Investigator
Name** Lovejoy, Connie

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators 9**

**Co-
Investigator
Name** Mundy, Christopher

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
10**

**Co-
Investigator
Name** Myers, Paul

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
11**

**Co-
Investigator
Name** Maps, Frédéric

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
12**

**Co-
Investigator
Name** Owens, Philip

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
13**

**Co-
Investigator
Name** Papakyriakou, Timothy

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
14**

**Co-
Investigator
Name** Petticrew, Ellen

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
15**

**Co-
Investigator
Name** Stadnyk, Tricia

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
16**

**Co-
Investigator
Name** Archambault, Philippe

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
17**

**Co-
Investigator
Name** Tremblay, Jean-Éric

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
18**

**Co-
Investigator
Name** Wang, Feiyue

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
19**

**Co-
Investigator
Name** Stern, Gary

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
20**

**Co-
Investigator
Name** Bélanger, Simon

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
21**

**Co-
Investigator
Name** Dmitrenko, Igor

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**Co-
Investigator
Affiliation**

**Co-
Investigator
ORCID ID**

**Co-
Investigators
22**

**Co-
Investigator
Name** Ehn, Jens

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email**

**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 | 2021-12-31 |
| 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. |
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| 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://canwin-datahub.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://canwin-datahub.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://canwin-datahub.ad.umanitoba.ca/data/fr/project/contaminants |
| Title | Ocean modelling |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/ocean-modelling |
| Title | Marine ecosystems |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/marine-ecosystems-team-3-baysys |
| Title | Biodiversity, distribution and biomass of zooplankton and ichthyoplankton in the Hudson Bay system |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/zooplankton-and-ichthyoplankton-in-hudson-bay |
| Title | Marine/climate systems |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/marine-and-climate-system-team-1 |
| Title | Freshwater |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/freshwater-systems-team-2 |
| Title | Carbon cycling |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/carbon-sampling-baysys-team-4 |
| Title | Lisa Matthes - PhD Project |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/project/lisa-matthes-phd-project |

Related Datasets

| | |
|--------------|---|
| Title | Canadian Arctic 2018 gridT and icemod NEMO 3.6, LIM2 and BLINGv0+DIC data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/2018-gridt-and-icemod-data |
| Title | BaySys Remote Sensing Data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/remote-sensing-data |
| Title | BaySys Ice Beacon Data- Churchill River (2017) and Hudson Bay (2018) |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/baysys-ice-beacon-data |
| Title | BaySys Physical Ice Sampling Data - 2017-2018 |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/baysys-physical-ice-sampling-data-2017 |
| Title | Mesozooplankton taxonomy |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mesozooplankton-taxonomy |
| Title | Polar cod taxonomy |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/fish-taxonomy |

Related Publications

| | |
|--------------|---|
| Title | BaySys Quarterly Reports |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-quarterly-reports |
| Title | BaySys Conference Posters & Presentations |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-conference-posters-presentations |
| Title | BaySys All-Hands Meeting Documents (2019) |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-all-hands-meeting-documents-2019 |
| Title | BaySys SSC Meeting Feb18 - 2021 |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-ssc-meeting-feb18-2021 |
| Title | BaySys Project Reports - Phase 1 and Phase 2 |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-reports-1-2 |
| Title | Baysys Field Reports |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-field-rep |
| Title | BaySys Newsletters |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-newsletters |
| Title | BaySys Theses and Dissertations |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-theses-and-dissertations |

Deployment details

| | |
|--------------|---|
| Title | BaySys Physical Ice - Deployment 3 |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-amundsen-2018-ice-sampling |
| Title | BaySys Physical Ice - Deployment 1 |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017 |
| Title | BaySys Physical Ice - Deployment 2 |
| URL | https://canwin-datahub.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://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-churchill-river-and-mobile-ice-survey |
| Title | 2017 Winter Nelson Estuary Landfast Ice Survey |
| URL | https://canwin-datahub.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://canwin-datahub.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://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2018-fall-rv-william-kennedy-mooring-retrieval |