

# Metadata

Field	Value
<b>Title</b>	Hudson Bay System Study (BaySys)
<b>Research Program Name</b>	
<b>Keyword Vocabulary</b>	Polar Data Catalogue
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Website</b>	<a href="https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys">https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys</a>
<b>Theme</b>	
<b>Title</b>	Cryosphere
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/cryosphere">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/cryosphere</a>
<b>Title</b>	Freshwater
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/freshwater</a>
<b>Title</b>	Marine
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine</a>
<b>Status</b>	Complete
<b>Project Area</b>	Hudson Bay Complex
<b>Spatial regions</b>	hudson-bay

Field	Value
<b>Spatial extent West Bound Longitude</b>	
<b>Spatial extent East Bound Longitude</b>	
<b>Spatial extent South Bound Latitude</b>	
<b>Spatial extent North Bound Latitude</b>	
<b>Project DOI</b>	10.5203/x6hd-2n79
<b>Metadata Creation Date</b>	2022
<b>Publisher</b>	CanWIN
<b>Principal Investigators</b>	
<b>Principal Investigators 1</b>	
<b>Principal Investigator Name</b>	Barber, David
<b>Type of Name</b>	Personal
<b>Principal Investigator Email</b>	<a href="mailto:David.Barber@umanitoba.ca">David.Barber@umanitoba.ca</a>
<b>Principal Investigator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Principal Investigator ORCID ID</b>	0000-0001-9466-3291
	ORCID

Field	Value
	<a href="http://orcid.org/">http://orcid.org/</a>
<b>Co-Investigators</b>	
<b>Co-Investigators 1</b>	
<b>Co-Investigator Name</b>	Ali, Geneviève
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 2</b>	
<b>Co-Investigator Name</b>	Kuzyk, Zou Zou
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 3</b>	
<b>Co-Investigator Name</b>	Dery, Stephen

Field	Value
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 4</b>	
<b>Co-Investigator Name</b>	Else, Brent
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 5</b>	
<b>Co-Investigator Name</b>	Fortier, Louis
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	

Field	Value
<b>Co-Investigators 6</b>	
<b>Co-Investigator Name</b>	Guéguen, Céline
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 7</b>	
<b>Co-Investigator Name</b>	Lobb, David
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 8</b>	
<b>Co-Investigator Name</b>	Lovejoy, Connie

Field	Value
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 9</b>	
<b>Co-Investigator Name</b>	Mundy, Christopher
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 10</b>	
<b>Co-Investigator Name</b>	Myers, Paul
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	

Field	Value
<b>Co-Investigators 11</b>	
<b>Co-Investigator Name</b>	Maps, Frédéric
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 12</b>	
<b>Co-Investigator Name</b>	Owens, Philip
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 13</b>	
<b>Co-Investigator Name</b>	Papakyriakou, Timothy

Field	Value
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 14</b>	
<b>Co-Investigator Name</b>	Petticrew, Ellen
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 15</b>	
<b>Co-Investigator Name</b>	Stadnyk, Tricia
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	

Field	Value
<b>Co-Investigators 16</b>	
<b>Co-Investigator Name</b>	Archambault, Philippe
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 17</b>	
<b>Co-Investigator Name</b>	Tremblay, Jean-Éric
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 18</b>	
<b>Co-Investigator Name</b>	Wang, Feiyue

Field	Value
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 19</b>	
<b>Co-Investigator Name</b>	Stern, Gary
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 20</b>	
<b>Co-Investigator Name</b>	Bélanger, Simon
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	

Field	Value
<b>Co-Investigators 21</b>	
<b>Co-Investigator Name</b>	Dmitrenko, Igor
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 22</b>	
<b>Co-Investigator Name</b>	Ehn, Jens
<b>Co-Investigator Role</b>	Researcher
<b>Co-Investigator Email</b>	
<b>Co-Investigator Affiliation</b>	
<b>Co-Investigator ORCID ID</b>	
<b>Project Data Curator</b>	David Landry
<b>Project Data Curator email</b>	<a href="mailto:David.Landry@umanitoba.ca">David.Landry@umanitoba.ca</a>

Field	Value
<b>Project Data Curator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Project Start Date</b>	2016-09-26
<b>Project End Date</b>	2021-12-31
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Schema Name</b>	SPDX
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Terms of Access</b>	<p>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.</p>
<b>Terms of Use</b>	<p>By accessing this data you agree to [CanWIN's Terms of Use](https://canwin-datahub.ad.umanitoba.ca/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).</p>
<b>Awards</b>	
<b>Awards 1</b>	

Field	Value
<b>Award Title</b>	BaySys - Contributions of climate change and hydro-electric regulation to the variability and change of freshwater-marine coupling in the Hudson Bay system
<b>Award URL</b>	<a href="https://www.nserc-crsng.gc.ca/ase-oro/Details-Detailles_eng.asp?id=696303">https://www.nserc-crsng.gc.ca/ase-oro/Details-Detailles_eng.asp?id=696303</a>
<b>Funder Name</b>	Natural Sciences and Engineering Research Council (NSERC)
<b>Funder Identifier</b>	01h531d29
<b>Funder Identifier Type</b>	ROR
<b>Funder identifier URL</b>	<a href="https://ror.org">https://ror.org</a>
<b>Grant Number</b>	
<b>Related Facilities</b>	[]

## Data and Resources

Field	Value
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	BaySys Sampling Stations: 2016-2018
<b>Description</b>	Sampling stations throughout the Hudson Bay Complex as a part of the Hudson Bay System Study, 2016-2018.

Field	Value
<b>Format</b>	JPEG
<b>Resource Category</b>	
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/504c728f-da7d-4da9-acab-8430ed5c47ea/resource/c4738c43-6116-4906-aea4-6f592285aac6/download/baysys_stations.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/504c728f-da7d-4da9-acab-8430ed5c47ea/resource/c4738c43-6116-4906-aea4-6f592285aac6/download/baysys_stations.csv</a>
<b>Name</b>	BaySys Station List
<b>Description</b>	The master station list for the BaySys Project.
<b>Format</b>	CSV
<b>Resource Category</b>	

### Sub-projects

Field	Value
<b>Title</b>	Carbon cycling
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/carbon-sampling-baysys-team-4">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/carbon-sampling-baysys-team-4</a>
<b>Title</b>	Marine ecosystems
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/marine-ecosystems-team-3-baysys">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/marine-ecosystems-team-3-baysys</a>
<b>Title</b>	Ocean modelling
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/ocean-modelling">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/ocean-modelling</a>
<b>Title</b>	Marine/climate systems
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/marine-and-climate-system-team-1">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/marine-and-climate-system-team-1</a>
<b>Title</b>	Freshwater

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/freshwater-systems-team-2">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/freshwater-systems-team-2</a>
<b>Title</b>	Contaminants
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/contaminants">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/contaminants</a>
<b>Title</b>	Lisa Matthes - PhD Project
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/lisa-matthes-phd-project">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/lisa-matthes-phd-project</a>
<b>Title</b>	Biodiversity, distribution and biomass of zooplankton and ichthyoplankton in the Hudson Bay system
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/zooplankton-and-ichthyoplankton-in-hudson-bay">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/zooplankton-and-ichthyoplankton-in-hudson-bay</a>

## Related Datasets

Field	Value
<b>Title</b>	BaySys Remote Sensing Data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/remote-sensing-data">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/remote-sensing-data</a>
<b>Title</b>	Satellite Data Trace Seasonal Freshwater Dispersion in Hudson and James Bays: Field and Matchup Data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/seasonal-freshwater-dispersion">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/seasonal-freshwater-dispersion</a>
<b>Title</b>	Polar cod taxonomy
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/fish-taxonomy">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/fish-taxonomy</a>
<b>Title</b>	Canadian Arctic 2018 gridT and icemod NEMO 3.6, LIM2 and BLINGv0+DIC data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/2018-gridt-and-icemod-data">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/2018-gridt-and-icemod-data</a>
<b>Title</b>	Mesozooplankton taxonomy
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mesozooplankton-taxonomy">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mesozooplankton-taxonomy</a>

Field	Value
<b>Title</b>	BaySys Ice Beacon Data- Churchill River (2017) and Hudson Bay (2018)
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/baysys-ice-beacon-data">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/baysys-ice-beacon-data</a>
<b>Title</b>	BaySys Physical Ice Sampling Data - 2017-2018
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/baysys-physical-ice-sampling-data-2017">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/baysys-physical-ice-sampling-data-2017</a>

## Related Publications

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

Field	Value
<b>Title</b>	BaySys Project Reports - Phase 1 and Phase 2
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-reports-1-2">https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/baysys-reports-1-2</a>

## Deployment details

Field	Value
<b>Title</b>	BaySys Physical Ice - Deployment 2
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017-landfast-ice-survey">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017-landfast-ice-survey</a>
<b>Title</b>	BaySys Physical Ice - Deployment 1
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-des-groseilliers-2017</a>
<b>Title</b>	BaySys Physical Ice - Deployment 3
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-amundsen-2018-ice-sampling">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/ccgs-amundsen-2018-ice-sampling</a>

## Campaigns

Field	Value
<b>Title</b>	2017 Winter and Spring Sediment Coring and Water Sampling Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-and-spring-sediment-coring-and-water-sampling-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-and-spring-sediment-coring-and-water-sampling-campaign</a>
<b>Title</b>	2018 Fall RV William Kennedy Mooring Retrieval
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2018-fall-rv-william-kennedy-mooring-retrieval">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2018-fall-rv-william-kennedy-mooring-retrieval</a>
<b>Title</b>	2017 Winter Churchill River and Mobile Ice Survey
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-churchill-river-and-mobile-ice-survey">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-churchill-river-and-mobile-ice-survey</a>
<b>Title</b>	2017 Winter Nelson Estuary Landfast Ice Survey

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-nelson-estuary-landfast-ice-survey">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/2017-winter-nelson-estuary-landfast-ice-survey</a>