

# Metadata

<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://lwbins-dev.ad.umanitoba.ca/data/group/cryosphere">https://lwbins-dev.ad.umanitoba.ca/data/group/cryosphere</a>
<b>Title</b>	Freshwater
<b>URL</b>	<a href="https://lwbins-dev.ad.umanitoba.ca/data/group/freshwater">https://lwbins-dev.ad.umanitoba.ca/data/group/freshwater</a>
<b>Title</b>	Marine
<b>URL</b>	<a href="https://lwbins-dev.ad.umanitoba.ca/data/group/marine">https://lwbins-dev.ad.umanitoba.ca/data/group/marine</a>
<b>Title</b>	Remote Sensing
<b>URL</b>	<a href="https://lwbins-dev.ad.umanitoba.ca/data/group/remote-sensing">https://lwbins-dev.ad.umanitoba.ca/data/group/remote-sensing</a>
<b>Status</b>	Complete
<b>Project Area</b>	Hudson Bay Complex
<b>Spatial regions</b>	hudson-bay
<b>Spatial extent West Bound Longitude</b>	
<b>Spatial extent East Bound Longitude</b>	

**Spatial  
extent South  
Bound  
Latitude**

**Spatial  
extent North  
Bound  
Latitude**

**Project DOI** 10.5203/x6hd-2n79

**Metadata  
Creation  
Date** 2022

**Publisher** CanWIN

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**Project Start  
Date**

2016-09-26

**Project End  
Date**

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Name**

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Schema  
Name**

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**Licence URL**

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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

<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>	□
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## Data and Resources

<b>URL</b>	<a href="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">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</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.
<b>Format</b>	JPEG
<b>Resource Category</b>	

<b>URL</b>	<a href="https://lwbin-dev.ad.umanitoba.ca/data/dataset/504c728f-da7d-4da9-acab-8430ed5c47ea/resource/c4738c43-6116-4906-aea4-6f592285aac6/download/baysys_stations.csv">https://lwbin-dev.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

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

# Related Datasets

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

# Related Publications

<b>Title</b>	BaySys Theses and Dissertations
<b>URL</b>	<a href="https://lwbin-dev.ad.umanitoba.ca/data/publication/baysys-theses-and-dissertations">https://lwbin-dev.ad.umanitoba.ca/data/publication/baysys-theses-and-dissertations</a>

# Deployment details

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

# Campaigns

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