

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/en/group/cryosphere
Title	Freshwater
URL	https://lwbins-dev.ad.umanitoba.ca/data/en/group/freshwater
Title	Marine
URL	https://lwbins-dev.ad.umanitoba.ca/data/en/group/marine
Title	Remote Sensing
URL	https://lwbins-dev.ad.umanitoba.ca/data/en/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

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**Project Start
Date**

2016-09-26

**Project End
Date**

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Schema
Name**

SPDX

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<https://spdx.org/licenses>

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

Related Datasets

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

Related Publications

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

Deployment details

Title	BaySys Physical Ice - Deployment 3
URL	https://lwbin-dev.ad.umanitoba.ca/data/en/deployment_details/ccgs-amundsen-2018-ice-sampling
Title	BaySys Physical Ice - Deployment 1
URL	https://lwbin-dev.ad.umanitoba.ca/data/en/deployment_details/ccgs-des-groseilliers-2017
Title	BaySys Physical Ice - Deployment 2
URL	https://lwbin-dev.ad.umanitoba.ca/data/en/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/en/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/en/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/en/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/en/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/en/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign