

Metadata

Dataset Name	Canadian Arctic 2018 gridT and icemod NEMO 3.6, LIM2 and BLINGv0+DIC data
Dataset General Type	model outputs
Dataset Type	Model
Dataset Level	0
Program Website	https://canwin-datahub.ad.umanitoba.ca/data/dataset/baysys
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/group/marine
Dataset Status	Complete
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2020-01-01
Dataset DOI	10.34992/ehtt-fb57
Metadata Creation Date	2023
Publisher	CanWIN

Dataset Authors

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Project Data	
Curator Affiliation	Université Laval
Dataset Collection Start Date	2018-01-01
Dataset Collection End Date	2020-01-01
Sample Collection	
Sample Collection 1	
Sampling Instrument Name	
Standardized Sampling Instrument Name	
Sample Collection Method Name	
Comment	
Method Link	
Method Summary	
Method Description Type	Methods
Activity Collection Type	
Preferred citation	
Analytical Instrument	
Analytical Instrument 1	

Analytical Instrument Name	Ocean model
Standardized Analytical Instrument Name	
Analytical Instrument Identifier Id	
Analytical Instrument Title Type	Alternative Title
Analytical Instrument Identifier Type	
Analytical Method	
Analytical Method 1	
Analytical Method Name	Ocean modelling
Method Link	
Method Summary	The NEOM 3.6, LIM2 and BLINGv0+DIC coupled models were run on the then ComputeCanada (now Digital Research Alliance) allowances.
Laboratory	
Comments	
Variables Measured	
License Name	Creative Commons Attribution 4.0 International
Licence Type	Open
Embargo Date	
Licence URL	https://spdx.org/licenses
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Awards

Awards 1

Award Title	The Natural Sciences and Engineering Council of Canada (NSERC) Collaborative Research and Development project
Website	
Funder Name	NSERC
Funder Identifier Code	
Funder Identifier Type	
Funder Identifier Scheme	
Grant Number	CRDPJ47002814

Awards 2

Award Title	Computational allocation
Website	https://alliancecan.ca/en
Funder Name	Digital Research Alliance of Canada
Funder Identifier Code	
Funder Identifier Type	
Funder Identifier Scheme	
Grant Number	20224188

Related Resources

Related Resources 1

Related Resource Name	
Resource Code	
Identifier Type	

**Relationship
To This
Dataset**

Resource Type Online Resource

Type

Series Name

Publications

Publications 1

**Publication
Name**

Identifier Code

Identifier Type

**Relationship to
this dataset**

Resource Type Online Resource

**Publication
Type**

Spatial regions

hudson-bay

Spatial extent West Bound Longitude

Spatial extent East Bound Longitude

Spatial extent South Bound Latitude

Spatial extent North Bound Latitude

Data and Resources

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/baysys_model_data_8640_d52d_9c42/
Name	gridT and icemod NEMO 3.6, LIM2 and BLINGv0+DIC data
Description	Modelled oceanographic, sea-ice, and biogeochemical variables run with two CMIP5 climate forcings, MRI and MIROC5.
Format	nc
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c066bb31-6b34-4550-a691-4976ca6413a8/resource/5f0291c4-6b27-4524-9e5d-ea3eb31745d0/download/data-dictionary-gridt.xlsx
Name	Data Dictionary - gridT
Description	Variable descriptions for the gridT files (physical oceanographic and biogeochemical variables).
Format	XLSX
Resource Category	supplemental
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c066bb31-6b34-4550-a691-4976ca6413a8/resource/f989a311-ec51-4e47-af29-5026d4903be9/download/data-dictionary-icemod.xlsx
Name	Data Dictionary - icemod
Description	Variable descriptions for the icemod files (sea-ice variables).
Format	XLSX
Resource Category	supplemental