

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 | |

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| 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 |