

# Metadata

<b>Dataset Name</b>	Southampton Island Marine Ecosystem Project (SIMEP) Autonomous CTD Data 2018
<b>Dataset General Type</b>	SIMEP Autonomous CTD profiles
<b>Dataset Type</b>	Collection
<b>Dataset Level</b>	1.1
<b>Program Website</b>	<a href="https://umanitoba.ca/earth-observation-science/field-stories/simep-field-story">https://umanitoba.ca/earth-observation-science/field-stories/simep-field-story</a>
<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>Theme</b>	
<b>Title</b>	Marine
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine</a>
<b>Dataset Status</b>	Complete
<b>Maintenance and Update Frequency</b>	As needed
<b>Dataset Last Revision Date</b>	2024-12-02
<b>Dataset DOI</b>	10.34992/wnss-rv41
<b>Metadata Creation Date</b>	2025
<b>Publisher</b>	CanWIN
<b>Dataset Authors</b>	

**Dataset  
Authors 1**

**Name** Yezhova, Kate  
**Type of Name** Personal  
**Email** [kate.yezhova@umanitoba.ca](mailto:kate.yezhova@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

**Contributors**

**Contributors 1**

**Name**  
**Role**  
**Email**  
**Affiliation**  
**ORCID ID**

**Project Data  
Curator** Yezhova, Kate

**Project Data  
Curator  
email** [kate.yezhova@umanitoba.ca](mailto:kate.yezhova@umanitoba.ca)

**Project Data  
Curator  
Affiliation** Centre for Earth Observation Science - University of Manitoba

**Dataset  
Collection  
Start Date** 2018-08-10

**Dataset  
Collection  
End Date** 2018-08-22

**Sample  
Collection**

**Sample  
Collection 1**

**Sampling Instrument Name** SBE 19plus V2 SeaCAT Profiler CTD

**Standardized Sampling Instrument Name** CTD

**Sample Collection Method Name**

**Comment**

**Method Link**

**Method Summary** Hydrographic profiles using conductivity, temperature and depth (CTD) sondes were obtained across straits and along channels to best cover water column structure around the island. Two separate, but identical pumped Seabird 19plus CTDs with Biospherical scalar photosynthetically active radiation (PAR) and Seabird ECOtriplet fluorometer sensors, were used to collect hydrographic profiles, one standalone (autonomous) CTD and one mounted on the ship's rosette. It is noted that the ship's rosette also had a Seabird dissolved oxygen sensor. There were more than 200 profiles collected in total with very good coverage around the island.

**Method Description Type** Methods

## Activity Collection Type

## Preferred citation

## Analytical Instrument

### Analytical Instrument 1

**Analytical Instrument Name**

**Standardized Analytical Instrument Name**

**Analytical Instrument Identifier Id**

**Analytical Instrument Title Type** Alternative Title

**Analytical Instrument Identifier Type**

## Analytical Method

<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Type</b>	Open
<b>Embargo Date</b>	
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Terms of Access</b>	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.
<b>Terms of Use</b>	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
<b>Awards</b>	
<b>Related Resources</b>	
<b>Related Resources 1</b>	
<b>Related Resource Name</b>	
<b>Resource Code</b>	
<b>Identifier Type</b>	
<b>Relationship To This Dataset</b>	
<b>Resource Type</b>	Online Resource
<b>Type</b>	
<b>Series Name</b>	
<b>Publications</b>	
<b>Publications 1</b>	
<b>Publication Name</b>	
<b>Identifier Code</b>	
<b>Identifier Type</b>	
<b>Relationship to this dataset</b>	

<b>Resource Type</b>	Online Resource
<b>Publication Type</b>	
<b>Spatial regions</b>	
<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>	

## Data and Resources

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/31e26c4f-f6a2-4916-9158-1e586c284d14/download/excel_2018_autonomous_ctd_downcasts.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/31e26c4f-f6a2-4916-9158-1e586c284d14/download/excel_2018_autonomous_ctd_downcasts.csv</a>
<b>Name</b>	2018_autonomous_ctd_downcasts.csv
<b>Description</b>	CTD Downcasts - CSV
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/1426f162-3f09-497d-ae95-98ff30055d42/download/odv_2018_autonomous_ctd_downcasts.txt">https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/1426f162-3f09-497d-ae95-98ff30055d42/download/odv_2018_autonomous_ctd_downcasts.txt</a>
<b>Name</b>	odv_2018_autonomous_ctd_downcasts.txt
<b>Description</b>	ODV CTD downcasts
<b>Format</b>	TXT
<b>Resource Category</b>	data

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/b78e999d-062e-43f6-9b80-55f7a8635ae1/download/kates-2018-ctd-cookbook.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/b78e999d-062e-43f6-9b80-55f7a8635ae1/download/kates-2018-ctd-cookbook.pdf</a>
<b>Name</b>	Cookbook
<b>Description</b>	CTD Rosette data processing steps.
<b>Format</b>	PDF
<b>Resource Category</b>	documents
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/8a4192dc-a195-41fd-9744-b347dfb36de7/download/r_scripts.zip">https://canwin-datahub.ad.umanitoba.ca/data/dataset/ab10303b-4ebb-45f6-a251-b9c7ce2c78cc/resource/8a4192dc-a195-41fd-9744-b347dfb36de7/download/r_scripts.zip</a>
<b>Name</b>	R Scripts
<b>Description</b>	Scripts used for data processing.
<b>Format</b>	ZIP
<b>Resource Category</b>	scripts
<b>URL</b>	<a href="https://canwinerddap.ad.umanitoba.ca/erddap/files/SIMEP_9c64_d6aa_6dd0/2018/Autonomous_CTD/">https://canwinerddap.ad.umanitoba.ca/erddap/files/SIMEP_9c64_d6aa_6dd0/2018/Autonomous_CTD/</a>
<b>Name</b>	All data processing files
<b>Description</b>	All data, setup, and configuration files used in processing. Please note that you can directly access the processed files, cookbook (processing instructions), and scripts on the main page. <b>**Click on the .zip file below to download**</b>
<b>Format</b>	
<b>Resource Category</b>	raw_data

## Related Publications

<b>Title</b>	The Southampton Island Marine Ecosystem Project, 2019 Cruise Report, 2-29 August, MV William Kennedy
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/simep-2019-cruise-report">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/simep-2019-cruise-report</a>