

# Metadata

Field	Value
<b>Dataset Name</b>	Oceanographic observations (CTD and DOM fluorescence) in the Nansen Sound fiord system of the eastern Canadian Arctic Archipelago in May 2025
<b>Dataset General Type</b>	CTD data
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	
<b>Program Website</b>	
<b>Keyword Vocabulary</b>	
<b>Keyword Vocabulary URL</b>	
<b>Theme</b>	
<b>Dataset Status</b>	Planned
<b>Maintenance and Update Frequency</b>	As needed
<b>Dataset Last Revision Date</b>	2026-05-13
<b>Dataset DOI</b>	10.17632/tg79gn7b2z.1
<b>Metadata Creation Date</b>	2026
<b>Publisher</b>	CanWIN

Field	Value
<b>Dataset Authors</b>	
<b>Dataset Authors 1</b>	
<b>Name</b>	Dmitrenko, Igor
<b>Type of Name</b>	Personal
<b>Email</b>	
<b>Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>ORCID ID</b>	
<b>Dataset Authors 2</b>	
<b>Name</b>	Kirillov, Sergei
<b>Type of Name</b>	Personal
<b>Email</b>	
<b>Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>ORCID ID</b>	
<b>Dataset Authors 3</b>	

Field	Value
<b>Name</b>	Capelle, David
<b>Type of Name</b>	Personal
<b>Email</b>	
<b>Affiliation</b>	Fisheries and Oceans Canada
<b>ORCID ID</b>	
<b>Dataset Authors 4</b>	
<b>Name</b>	Mandryk, Rachel
<b>Type of Name</b>	Personal
<b>Email</b>	
<b>Affiliation</b>	Fisheries and Oceans Canada
<b>ORCID ID</b>	
<b>Contributors</b>	
<b>Contributors 1</b>	
<b>Name</b>	
<b>Role</b>	

Field	Value
<b>Email</b>	
<b>Affiliation</b>	
<b>ORCID ID</b>	
<b>Project Data Curator</b>	Igor Dmitrenko
<b>Project Data Curator email</b>	<a href="mailto:dmitreni@cc.umanitoba.ca">dmitreni@cc.umanitoba.ca</a>
<b>Project Data Curator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Dataset Collection Start Date</b>	2025-05-07
<b>Dataset Collection End Date</b>	
<b>Sample Collection</b>	
<b>Sample Collection 1</b>	
<b>Sampling Instrument Name</b>	
<b>Standardized Sampling Instrument Name</b>	
<b>Sample Collection Method Name</b>	
<b>Comment</b>	
<b>Method Link</b>	

Field	Value
<b>Method Summary</b>	The data set consists of 49 CTD (conductivity-temperature-depth) and FCDOM (fluorescence of colored dissolved organic matter) profiles taken in the Nansen Sound fiord system between 7 and 25 May 2025 using snowmobiles and a Twin Otter aircraft operated on skis. Observations were carried out with a RBRconcerto3 CTD outfitted with a Seapoint FCDOM sensor for EX/EM = 370/460 nm. FCDOM vertical profiles were averaged with a 7-m moving window. CTD profiles were 1-meter binned.
<b>Method Description Type</b>	Methods
<b>Activity Collection Type</b>	
<b>Preferred citation</b>	
<b>Analytical Instrument</b>	
<b>Analytical Instrument 1</b>	
<b>Analytical Instrument Name</b>	
<b>Standardized Analytical Instrument Name</b>	
<b>Analytical Instrument Identifier Id</b>	
<b>Analytical Instrument Title Type</b>	Alternative Title
<b>Analytical Instrument Identifier Type</b>	
<b>Analytical Method</b>	
<b>Analytical Method 1</b>	
<b>Analytical Method Name</b>	
<b>Method Link</b>	
<b>Method Summary</b>	
<b>Laboratory</b>	

Field	Value
<b>Comments</b>	
<b>Variables Measured</b>	
<b>Licence Name or Copyright Statement</b>	Creative Commons Attribution 4.0 International
<b>Copyright Statement</b>	
<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>	<p>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.</p>
<b>Terms of Use</b>	<p>By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).</p>
<b>Awards</b>	
<b>Awards 1</b>	
<b>Award Title</b>	
<b>Website</b>	

Field	Value
<b>Funder Name</b>	
<b>Funder Identifier Code</b>	
<b>Funder Identifier Type</b>	
<b>Funder Identifier Scheme</b>	
<b>Grant Number</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>	

Field	Value
<b>Spatial regions</b>	canadian-arctic-archipelago
<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

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/1d39bb84-32aa-4c66-830c-bc44fef8db89/resource/16036bf4-df9c-4da3-bcda-455007a7fc36/download/ctd-and-cdom-data.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/1d39bb84-32aa-4c66-830c-bc44fef8db89/resource/16036bf4-df9c-4da3-bcda-455007a7fc36/download/ctd-and-cdom-data.csv</a>
<b>Name</b>	CTD and CDOM data
<b>Description</b>	
<b>Format</b>	CSV
<b>Resource Category</b>	data