

# Access Pan-Arctic Wetlands Data (Version 1) – Quick Access Guide

This one-page guide explains how to access the Pan-Arctic Wetland Inventory—a 10-metre resolution baseline map of wetlands across the circumpolar Arctic, for a boundary defined by the Arctic Council’s Conservation of Arctic Flora and Fauna (CAFF) working group. In this guide, the 2020–2022 dataset, provided by Natural Resources Canada, can be viewed directly through [Geo.ca](#) and the Arctic SDI [Geoportal](#) (see step 1 below) and by using QGIS, an open-source GIS software (for steps 2-4).

## Hudson Bay Coastline – Data at a Glance.



### 1) Access through Geo.ca and Arctic SDI Geoportal

- Geo.ca – Canada’s official source for open geospatial information. [\[View the Pan-Arctic Wetlands record here\]](#) to access the data.
- Arctic SDI Geoportal – A collaborative Arctic mapping platform. [\[View the dataset on Arctic SDI here\]](#).

### 2) View via Web Mapping Service (WMS) in QGIS

WMS URL:

<https://datacube.services.geo.ca/wrapper/ogc/pan-arctic-wetland-inventory?service=WMS&request=GetCapabilities&version=1.3.0>

Steps in QGIS:

- Go to Layer → Add Layer → Add WMS/WMTS.
- Click New, enter a name (e.g., wetlands), and paste the URL above.
- Click OK, then Connect.
- Select pan-arctic-wetland-inventory, then click Add.

### 3) Open Cloud Optimized GeoTiff (COG) in QGIS

COG URL:

[https://datacube-prod-data-public.s3.ca-central-1.amazonaws.com/store/land/wetlands/arctic-sdi/pan\\_arctic\\_wetlands.tif](https://datacube-prod-data-public.s3.ca-central-1.amazonaws.com/store/land/wetlands/arctic-sdi/pan_arctic_wetlands.tif)

Steps in QGIS:

- Go to Layer → Add Layer → Add Raster Layer.
- Set Protocol to HTTP.
- Paste the URL above into URI.
- Click Add.

### 4) Download GeoTIFF and View in QGIS

**(Use only if needed and necessary—file is several GBs in size and may download slowly)**

Steps:

1. [Go to Dataset landing page](#) → Dataset resources → Pan-Arctic Wetland Inventory – [STAC browser](#).
2. Click the pan\_arctic link (COG) under the thumbnail → Data → [Download](#).
3. In QGIS: Layer → Add Layer → Add Raster Layer → select .tif → Open.



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Do You Have Further Questions? Please Email: [info-](mailto:info-geoconnections-info-geoconnexions@nrcan-rncan.gc.ca)

[geoconnections-info-geoconnexions@nrcan-rncan.gc.ca](mailto:geoconnections-info-geoconnexions@nrcan-rncan.gc.ca)