Healthy environment relationships	National dataset. Critical Habitat for 261 of the 469 SAR of interest.	ECCC 2022	https://open.canada.ca/data/en/dataset/47caa405-be2b-4e9e-8f53-c478ade2ca74	Public Dataset
Healthy environment relationships	National dataset containing geographic range data for 488 SAR based on NatureServe data, SAR recovery strategies, ECCC resources and COSEWIC status reports.	ECCC 2016	https://open.canada.ca/data/en/dataset/d008fe8c-40c4-435a-b790-980339ce3121	Public Dataset
Healthy environment relationships	National dataset. IUCN Red list of threatened species. IUCN species ranges refined by altitude and landcover for amphibians, birds, mammals and reptiles.	IUCN	https://prioritizr.github.io/aoh/reference/aoh.html	Public Dataset
Healthy environment relationships	National dataset. Nationally endemic species for a 10x10 km grid.	NCC and NatureServe Canada 2020	Dataset	Data sharing agreement required.
Healthy environment relationships	National dataset. EO for Canadian Species of Conservation Concern at a 10x10 km grid, includes COSEWIC END, THR, SC.	NatureServe and Atlantic Canada CDC 2015	Dataset	Data sharing agreement required.
Healthy environment relationships	National dataset. Species distribution modeling. National scale distribution maps of approximately 1,500 species using publicly available species observation datasets from the Global Biodiversity Information Facility (GBIF). Modelled using variety of environmental predictors variables (e.g., climate, landcover, proximity to water, topography, and the dynamic habitat index). Output includes continuous map showing the probability of suitable habitat for a particular species and a presences versus absence grid for NCC's WTW tool.	NCC and McGill University 2024	Dataset	Data sharing agreement required.
Healthy environment relationships	National dataset. High-resolution annual forest land cover maps for Canada's forested ecosystems harmonized with forested areas and land use mapping for the agricultural south.	NFIS CFS VLVS2 Hermosilla et al. 2022 AAFC 2020	https://opendata.nfis.org/mapserver/nfischange_eng.html https://open.canada.ca/data/en/dataset/fa84a70f-03ad-4946-b0f8-a3b481dd5248	Public Dataset
Healthy environment relationships	National dataset. Managed and unmanaged grassland in known grassland regions.	AAFC 2020	https://open.canada.ca/data/en/dataset/fa84a70f-03ad-4946-b0f8-a3b481dd5248	Public Dataset
Healthy environment relationships	National dataset. Saturated soil feature class. Included all features, tundra ponds, palsa bogs, wetlands and string bogs.	NRCan 2019	https://open.canada.ca/data/en/dataset/80aa8ec6-4947-48de-bc9c-7d09d48b4cad	Public Dataset
Healthy environment relationships	National dataset. Lakes, Rivers and Glaciers in Canada - CanVec Series. Include watercourses, water linear flow segments, hydrographic obstacles (falls, rapids, etc.), waterbodies (lakes,watercourses, etc.), permanent snow and ice features,water wells and springs.	NRCan 2019	https://open.canada.ca/data/en/dataset/9d99e8c9-22fe-4ad2-b5e8-94a6991b744b https://open.canada.ca/data/en/dataset/9d99e8c9-22fe-4ad2-b5e8-94a6991b744b	Public Dataset
Healthy environment relationships	National dataset. Database of the physical characteristics of Canada's marine coasts, including features not expected to change over time and those expected to change as climate changes.	Manson et al. 2019	https://open.canada.ca/data/en/dataset/73714ed4-a795-a7ae-7e93-36100ce7c242	Public Dataset
Healthy environment relationships	National dataset. Wooded Areas, Saturated Soils and Landscape in Canada - CanVec Series - Land Features (Great Lakes). Contains landscape features of Canada such as islands, shoreline delineation, wooded areas, saturated soil features, landform features (esker, sand, etc.).	NRCan 2019	https://open.canada.ca/data/en/dataset/80aa8ec6-4947-48de-bc9c-7d09d48b4cad	Public Dataset
Social and Economic Equity	National dataset. Carbon sequestion. CO2e per hectare of forest based on yearly growth rates provided by NRCAN for the 2BT EOI and NRCAN's NFI's Maps of Canada's forest attributes from 2011.	NCC	Dataset Input from NRCAN available: https://open.canada.ca/data/en/dataset/ec9e2659-1c29-4ddb-87a2-6aced147a990	Data sharing agreement required.
Social and Economic Equity	National dataset. Total aboveground carbon, including live and dead biomass, and belowground soil carbon.	Mitchell et al. 2021	https://doi.org/10.17605/OSF.IO/KTCXE	Public Dataset
Healthy environment relationships	National dataset. Extreme Heat Events. Maps areas and times in which temperatures significantly exceeded historical variation; annual proportion of days containing extreme heat events from 1979 to 2019.	La Sorte et al. 2021	Dataset	Data sharing agreement required.
Healthy environment relationships	National dataset. Climate forward shortest-path centrality. Forward shortest-path centrality values representing connectivity between current (1981-2010 period) to future (2071-2100 period) climate analogs under RCP8.5	Carroll et al. 2018	https://adaptwest.databasin.org/pages/climate-connectivity-north-america/	Public Dataset
Healthy environment relationships	National dataset. Climate refugia. Macrorefugia for North American trees and songbirds for future (2071-2100 period) climate analogs under RCP8.5	Stralberg et al. 2018	https://adaptwest.databasin.org/pages/climatic-macrorefugia-for-trees-and-songbirds/	Public Dataset
Healthy environment relationships	National dataset. Density Map of Canada: Multi-species ecological connectivity through terrestrial regions using Circuitscape. Includes current density map and move cost layer.	Pither et al. 2023	https://osf.io/r2qs3/	Public Dataset
To be well together (Community well	National dataset. Cumulative human footprint map of Canada that represents national-specific pressures that are not incorporated in coarse-scale global maps updated with merged road layer from Canada Linear Features that includes linear infrastructure from major highways to small logging and dirt trails	Hirsh-Pearson et al 2021 Poley et al 2021	https://doi.org/10.5683/SP2/EVKAVL https://osf.io/2Bua4/	Public Dataset
Healthy environment relationships	National dataset. Potential freshwater provisioning based on capacity of ecosystem to provide runoff, demand by people downstream and their connectivity.	Mitchell et al. 2021	https://osf.io/ca43v/files/osfstorage Data Visualization Tool: https://cons.carleton.ca/ES_CAN/	Public Dataset
Social and Economic Equity	National dataset. Potential recreational opportunities based on their naturalness and attractiveness for recreation, and the ability and number of people that could access these areas	Mitchell et al. 2021	https://osf.io/ca43v/files/osfstorage Data Visualization Tool: https://cons.carleton.ca/ES_CAN/	Public Dataset
Healthy environment relationships	National dataset. Key Biodiversity Areas: Approved KBA sites (polygons), combined with draft sites (buffered points or polygon boundaries that coincide with IBA or freshwater sites). Currently 76 approved, 874 draft sites.	KBA Approved and Draft Sites (WSC modified by NCC Feb 2023)	Map Viewer	Public Dataset
Healthy environment relationships	National dataset. Conserved and protected areas of Canada, combined with NCC parcel data of fee simple and conservation agreements.	ECCC 2023 & NCC 2024	Canadian Protected and Conserved Areas Database - Canada.ca	Public Dataset
Healthy environment relationships	Nataional dataset. Spatial data and analysis of the extent of 'human modification' of terrestrial ecosystems across Canada.	NCC (Dr. Aerin Jacob) and Conservation Planning Technologies/Colorado State University (Dr. David Theobald)	https://www.nature.com/articles/s41597-025-04892-2	Public Dataset