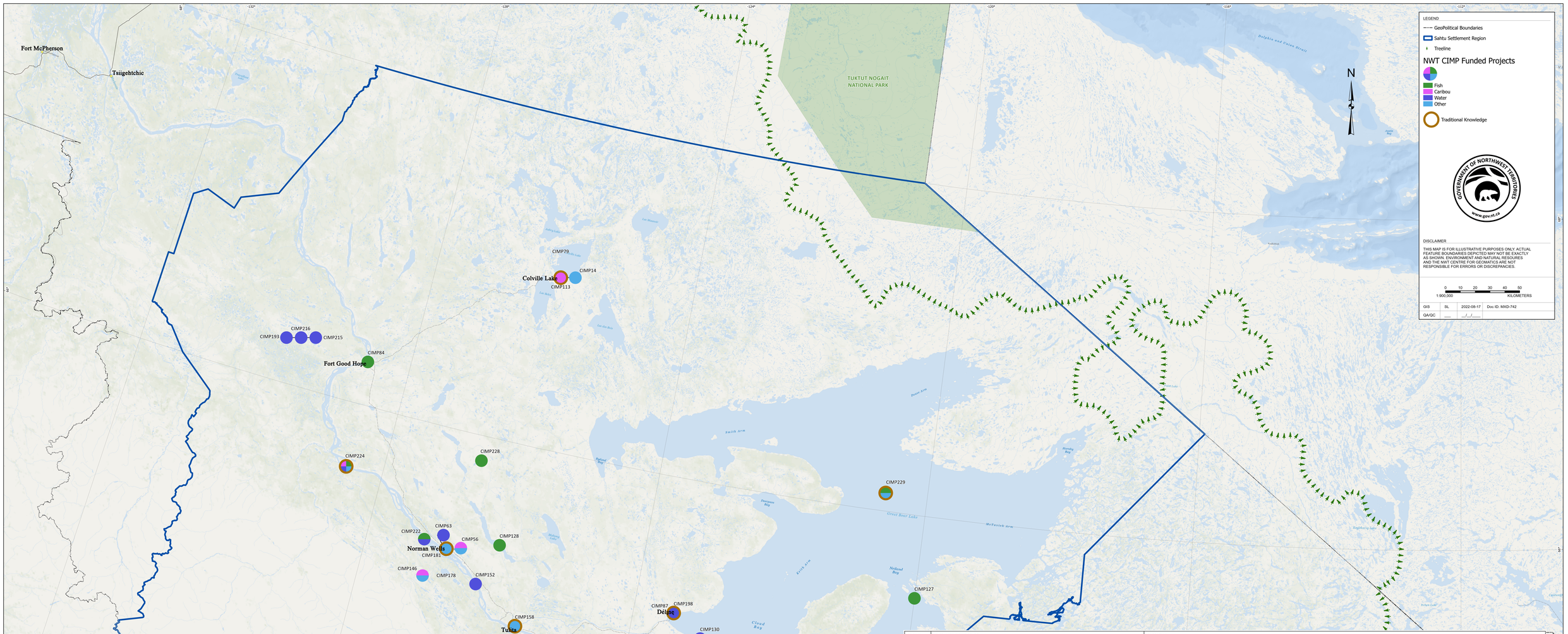
NWT CIMP FUNDED PROJECTS IN THE SAHTU SETTLEMENT REGION 2001-2023



Project #	Project Lead Organization	Project Title
CIMP229	Délıne Got'ine Government	Social-ecological change in the Sahtú (Great Bear Lake) watershed: Cumulative impacts on Dene Ts'ı̨ ̨ı̨ (knowledge and cultural identity) and relationships to fish
CIMP228	Environment and Climate Change Canada (ECCC)	Updated assessments and investigations of mercury in Sahtú lakes food webs with a changing environment
CIMP224	Sahtu Renewable Resources Board (SRRB)	A Century of Petroleum Extraction at Tłegǫ̀ hı̨ (Norman Wells): Indigenous knowledge for Indigenous guardianship
CIMP222	Environment and Climate Change Canada (ECCC)	Contaminants (PAHs,mercury) in the Mackenzie River and fish health assessments; implementation of classic and new molecular screening tools for environmental monitoring and stressor assessment
CIMP216	Environment and Climate Change Canada (ECCC)	Hydrocarbon-derived compounds (anthropogenic and natural) in water bodies in the Sahtu
CIMP215	Institut national de la recherche scientifique (INRS)	Aquatic ecosystems in the Fort Good Hope area as indicators of environmental change
CIMP198	Tsá Tué Biosphere Reserve (TTBR)	Sahtu Benıı̨ǫ̀dı: Traditional Knowledge of Great Bear Lake and its Watershed
CIMP193	Environment and Climate Change Canada (ECCC)	Understanding changes in aquatic ecosystem health and water quality in the Fort Good Hope - Ramparts area
CIMP178	Sahtu Renewable Resource Board (SRRB)	Sahtu Regional Environmental Monitoring and Decision Support Tool Set
CIMP162	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Multi-species monitoring using winter track surveys in the Sahtu Settlement Region
CIMP158	Sahtu Renewable Resource Board (SRRB)	Dene mapping project repatriation and analysis: Understanding valued places at the intersection of caribou ecology and harvesting
CIMP152	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Establishing a watershed framework for assessing cumulative impacts of development
CIMP130	Deline Renewable Resources Council (DRRC)	Community based water quality monitoring in Great Bear Lake
CIMP127	Department of Fisheries and Oceans (DFO)	Monitoring for impacts of harvest and climate change on the Great Bear Lake acquatic system
CIMP113	University of Calgary (UofC)	Moose and Caribou Health: Monitoring the Emergence and Impacts of Winter Tick in the Sahtu Settlement Region
CIMP87	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Ecology of the muskox below the treeline in the Sahtu Settlement Area
CIMP79	Sahtu Renewable Resource Board (SRRB)	Digital Storytelling as a tool for monitoring caribou and communities in the Sahtu Region
CIMP63	Sahtu Renewable Resource Board (SRRB)	Bosworth Creek Monitoring Project
CIMP56	Sahtu Renewable Resource Board (SRRB)	Sahtu-Specific Development Density Plan
CIMP51	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Boreal woodland caribou response to industrial activity in the Summit- Keela area, Sahtu Region, NT
CIMP14	University of Saskatchewan (UofS)	Community based monitoring of wildlife populations and wildlife health through direct training and establishment of Wildlife Health Monitors in Colville Lake, Deline and Fort Good Hope
These projects are related to multiple regions in the NWT		
CIMP226	Wilfrid Laurier University (WLU)	NWT Streams and Rivers of the future: How permafrost thaw and groundwater activation are changing water resources
CIMP223	University of Alberta (UofA)	Murky waters: Impacts of disturbances on the mobilization and downstream delivery of mercury and methylmercury
CIMP221	Department of Fisheries and Oceans (DFO)	Arctic Salmon - Building Capacity and Assessing Interactions Among Salmon and Arctic Fishes in the Mackenzie River, NT
CIMP220	Environment and Climate Change Canada (ECCC)	Can caribou coexist with human development in Northern Canada? Forecasting anthropogenic disturbance and land use changes using resource potential mapping to improve caribou future forecasts.
CIMP218	Fisheries and Oceans	Clues in the water: Detecting spawning migrations and breeding habitat of Inconnu (Stenodus leucichthys) in river systems around Great Slave Lake
CIMP205	Government of the Northwest Territories Environment and Natural Resources (GNWT-ENR)	Identifying habitats that influence body condition and fitness of adult female boreal caribou in the southern Northwest Territories
CIMP200	Wilfrid Laurier University (WLU)	Changes in Water Within the Mackenzie Delta/Beaufort Region as Indicators of Aquatic Health
CIMP196	Department of Fisheries and Oceans (DFO)	Genetic stock identification and mixed- stock fishery analysis of Inconnu in Great Slave Lake
CIMP186	Government of the Northwest Territories (GNWT) - Northwest Territories Geoscience Office (NTGO)	NWT Permafrost Mapping Collective
CIMP182	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Long-term NWT climate change projections to support mine closure design
CIMP181	Department of Fisheries and Oceans (DFO)	Developing environmental DNA as a tool to monitor fish distributions in the NWT
CIMP180	University of Alberta (UofA)	The impact of fire on diverse aquatic ecosystems of the NWT
CIMP179	Carleton University	Empirical modelling for improved streamflow forecasting in the Snare River basin, NWT
CIMP177	Environment Canada (EC)	The influence of forest fires on metal deposition to lakes and peatlands in the North Slave Region
CIMP174	Brock University	Impact of wildfire on northern stream ecosystems: Using the past to inform the future: A paleological perspective of the impacts of drought and fire
CIMP167	University of Waterloo (UofW)	Changes in Dissolved Organic Quality & Quantity: Implications for Aquatic Ecosystems and Drinking Water Quality for Northern Communities
CIMP164	Government of the Northwest Territories (GNWT) - Northwest Territories Geoscience Office (NTGO)	Tracking landscape change and cumulative environmental impacts using remote sensing
CIMP155	Department of Fisheries and Oceans (DFO)	A watershed-scale sampling protocol for accurate distribution and trend assessment of stream salmonids in the Northwest Territories
CIMP153	Circumarctic Rangifer Monitoring and Assessment (CARMA)	CARMA's Cumulative Effects Integrative Model: Creating a User-friendly platform to simplify CE analysis for Barren-ground caribou
CIMP148	Government of the Northwest Territories (GNWT) - Health and Social Services (HSS)	Visual analysis of predictors for increased mercury levels in predatory fish in NWT lakes
CIMP146	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Succession and regeneration response on seismic lines with respect to ecology, disturbance and time
CIMP145	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Implementing collaborative cross- NWT water quality monitoring to address the needs of water partners, focusing on cumulative impacts and community concerns
CIMP142	Department of Fisheries and Oceans (DFO)	Monitoring Pacific salmon to understand cumulative impacts of climate change in the Arctic
CIMP141	Natural Resources Canada (NRCan) - Canadian Centre for Remote Sensing (CCRS)	Data and knowledge integration for improved monitoring of cumulative impacts of mining development and climate change on the Bathurst caribou (DAICI)
CIMP137	Natural Resources Canada (NRCan)	Characterization of variability in permafrost thermal state, Mackenzie corridor NWT
CIMP128	Department of Fisheries and Oceans (DFO)	Impacts of climate change on contaminants in consumed fish
CIMP119	Department of Fisheries and Oceans (DFO)	Comparison and calibration of broad scale monitoring and NORDIC community index gill net protocols for NWT lakes
CIMP116	Department of Fisheries and Oceans (DFO)	The road to ecosystem redemption: Comparative study of degraded and pristine giant lakes of North America using Ecopath
CIMP115	Ecology North	Water Monitoring Capacity Building
CIMP93	University of Northern British Columbia (UNBC)	Fire-lichen dynamics and the influence of climate change
CIMP86	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Invasive Alien Plants Monitoring Protocols for NWT Communities
CIMP84	Department of Fisheries and Oceans (DFO)	Identification and description of spawning and over-wintering habitats of anadromous fish species in the Mackenzie Valley
CIMP82	Yamozha Kue Society	Our Responsibility to Keep the Land Alive: Traditional Knowledge and Cumulative Impact Monitoring Practitioners Workshop
CIMP67	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Monitoring and Understanding Movement and Distribution of Bathurst Caribou
CIMP61	Arctic Borderlands Ecological Knowledge Cooperative (ABEKC)	Arctic Borderlands Co-op: Community based ecological and cumulative impacts monitoring program
CIMP60	Hay River Métis Council	Monitoring of Paramount Resources, Cameron Hills
CIMP58	Northwest Territory Métis Nation (NWTMN)	Coordination of three Northwest Territory Metis Nation monitoring projects
CIMP11	Department of Fisheries and Oceans (DFO)	Tariuq (Oceans) Program: Community-based monitoring of marine and anadromous fish of the lower Mackenzie River and near-shore areas of Beaufort Sea
CIMP5	Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED)	Vegetation Monitoring Manual

More information on these projects can be found at nwtdiscoveryportal.enr.gov.nt.ca by entering the CIMP number in the search engine