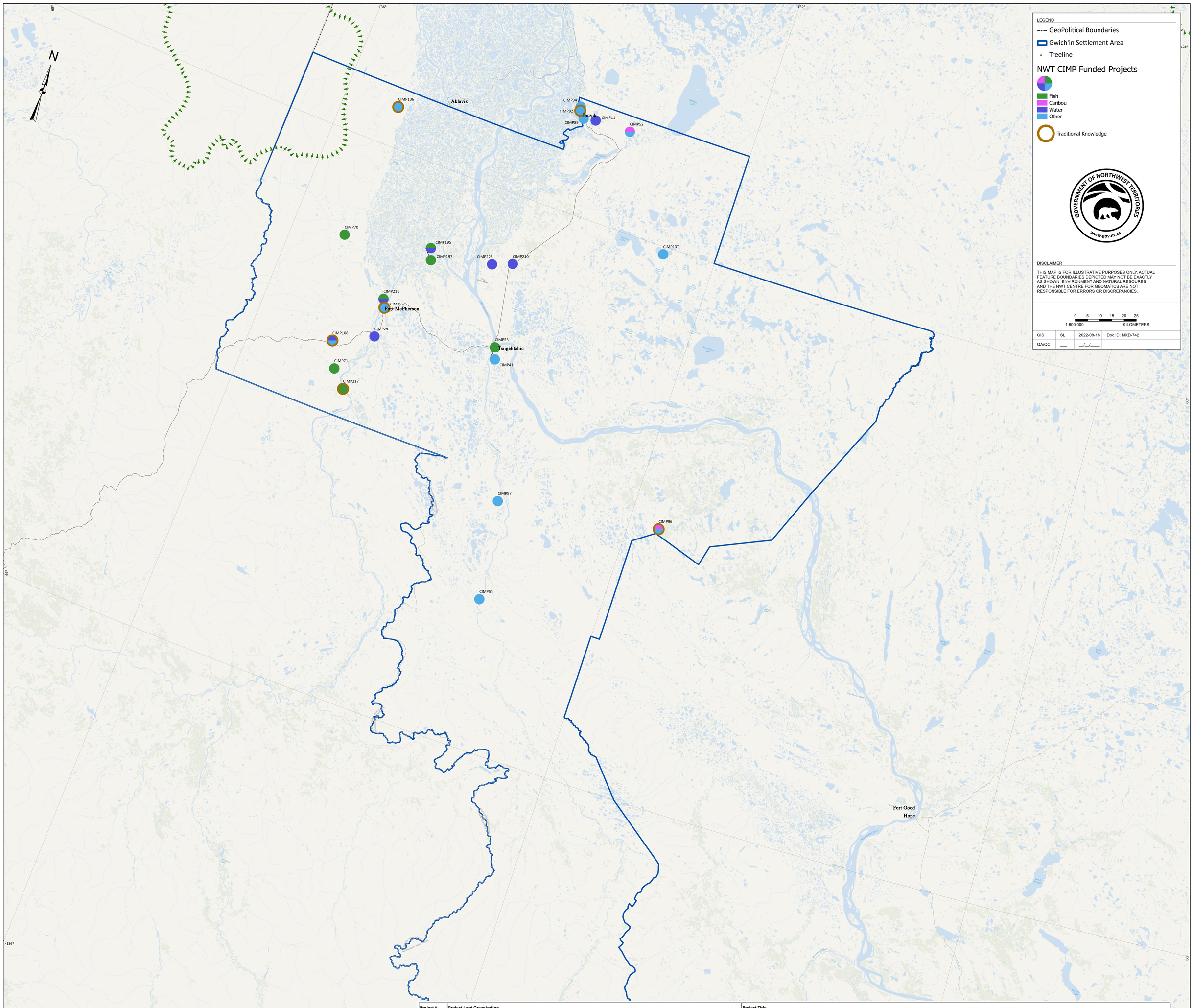
NWT CIMP FUNDED PROJECTS IN THE GWICH'IN SETTLEMENT AREA 1999-2023



Project #	Project Lead Organization	Project Title
CIMP225	Wilfrid Laurier University (WLU)	Tracking environmental change in the Gwich'in Settlement Area: enhancing community-driven monitoring of lakes and rivers
CIMP217	University of Victoria (Uvic)	Impacts of permafrost degradation on łuk dagaii habitat in the Peel River Watershed
CIMP211	Wilfrid Laurier University (WLU)	Impacts of Permafrost Thaw Slump Extent, Severity and Persistence on Stream Biotic Health
CIMP210	Wilfrid Laurier University (WLU)	Development of a Biological Monitoring Program to Detect Change in Stream Health Along the Dempster-Inuvik-Tuktoyaktuk-Corridor
CIMP197	Wilfrid Laurier University (WLU)	How does proximity to roadways impact water quality and invertebrates in Arctic lakes?
CIMP195	University of Maine	Community-based long term monitoring of the Peel River near Fort McPherson; a pilot study; Community-based monitoring of whitefish in the lower Mackenzie River watershed
CIMP108	Government of the Northwest Territories (GNWT) - Industry Tourism and Investment (ITI) - Northwest Territories Geoscience Office (NTGO)	A watershed approach to monitoring cumulative impacts of landscape change
CIMP106	Gwich'in Tribal Council (GTC)	Traditional Knowledge Workshops to Discuss and Gather Information with regard to permafrost disturbances and its effects on the land and water systems in the Richardson Mountains, NWT
CIMP97	Gwich'in Renewable Resource Board (GRRB)	Moose abundance and composition in the Gwich'in Settlement Area and Inuvialuit Settlement Region
CIMP96	Gwich'in Renewable Resource Board (GRRB)	Harvest Data Collection - Gwich'in Settlement Area; Gwich'in Harvest Study
CIMP89	Gwich'in Renewable Resource Board (GRRB)	Gap analysis of research in the Gwich'in Settlement Area
CIMP71	Gwich'in Renewable Resource Board (GRRB)	Vittrekwa River Char - Habitat Equipment and Analysis
CIMP70	Gwich'in Renewable Resource Board (GRRB)	Photographic Baseline for Dolly Varden Habitat in NWT Rivers
CIMP55	Gwich'in Social and Cultural Institute (GSCI)	Phase II Gwich'in Traditional Knowledge Monitoring: Stewardship of Gwich'in lands through management of oral history/traditional knowledge data
CIMP54	Gwich'in Renewable Resource Board (GRRB)	Moose Aerial Survey in the Gwich'in Settlement Area
CIMP53	Gwich'in Renewable Resource Board (GRRB)	Arctic Red River and Mackenzie River Fish Study
CIMP52	Gwich'in Tribal Council (GTC)	Developing a monitoring program for moose, woodland caribou, grizzly bear populations in the Gwich'in Settlement Area
CIMP41	Gwich'in Tribal Council (GTC)	Environmental Monitor Training; Training Sessions for Four Environmental Research Monitors
CIMP34	Gwich'in Tribal Council (GTC)	Implementation, Resources Management and Land Administration – Capacity Building
CIMP29	Gwich'in Tribal Council (GTC)	Peel River Water and Sediment Quality Reporting
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

NOAA OCS, Esri, DeLorme, Esri, DeLorme, NaturalVue

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