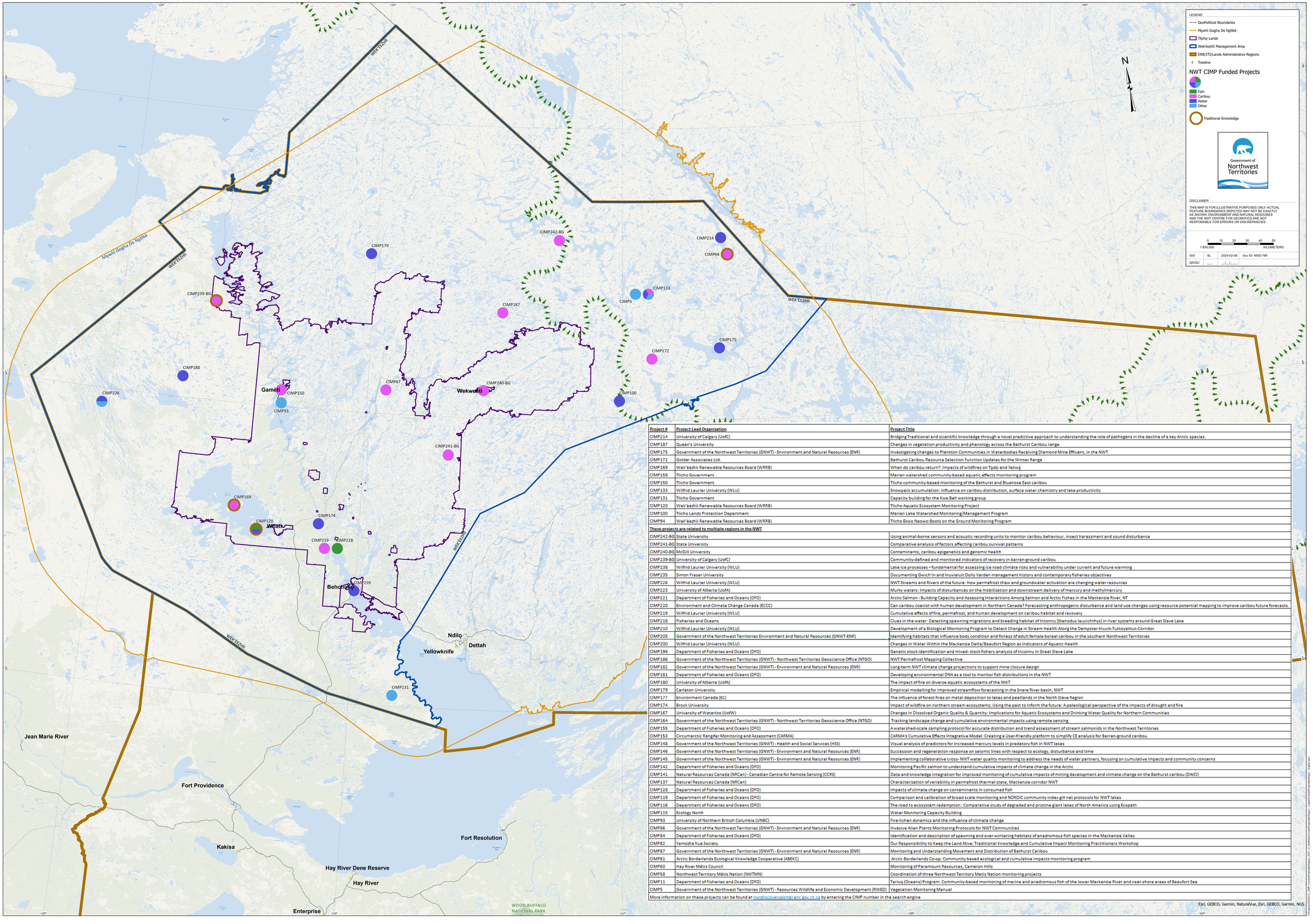
NWT CIMP FUNDED PROJECTS IN THE WEK'ÈEZHÌI MANAGEMENT AREA 2001-2024



Project #	Project Lead Organization	Project Title
CIMP214	University of Calgary (UofC)	Bridging Traditional and scientific knowledge through a novel predictive approach to understanding the role of pathogens in the decline of a key Arctic species.
CIMP187	Queen's University	Changes in vegetation productivity and phenology across the Bathurst Caribou range
CIMP175	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Investigating changes to Plankton Communities in Waterbodies Receiving Diamond Mine Effluent, in the NWT
CIMP172	Golder Associates Ltd.	Bathurst Caribou Resource Selection Function Updates for the Winter Range
CIMP169	Wek'èezhìi Renewable Resources Board (WRRB)	When do caribou return?: Impacts of wildfires on Tǫdzı and ʔekwǫ̀
CIMP159	Tłı̨chǫ Government	Marian watershed community-based aquatic effects monitoring program
CIMP150	Tłı̨chǫ Government	Tłı̨chǫ community-based monitoring of the Bathurst and Bluenose East caribou
CIMP133	Wilfrid Laurier University (WLU)	Snowpack accumulation: influence on caribou distribution, surface water chemistry and lake productivity
CIMP131	Tłı̨chǫ Government	Capacity building for the Kwe Beh working group
CIMP120	Wek'èezhìi Renewable Resources Board (WRRB)	Tłı̨chǫ Aquatic Ecosystem Monitoring Project
CIMP100	Tłı̨chǫ Lands Protection Department	Marian Lake Watershed Monitoring/Management Program
CIMP94	Wek'èezhìi Renewable Resources Board (WRRB)	Tłı̨chǫ Ekwo Naowo:Boots on the Ground Monitoring Program
These projects are related to multiple regions in the NWT		
CIMP242-BG	State University	Using animal-borne sensors and acoustic recording units to monitor caribou behaviour, insect harassment and sound disturbance
CIMP241-BG	State University	Comparative analysis of factors affecting caribou survival patterns
CIMP240-BG	McGill University	Contaminants, caribou epigenetics and genomic health
CIMP239-BG	University of Calgary (UofC)	Community-defined and monitored indicators of recovery in barren-ground caribou
CIMP238	Wilfrid Laurier University (WLU)	Lake ice processes – fundamental for assessing ice road climate risks and vulnerability under current and future warming
CIMP235	Simon Fraser University	Documenting Gwich'in and Inuvialuit Dolly Varden management history and contemporary fisheries objectives
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.
CIMP219	Wilfrid Laurier University (WLU)	Cumulative effects of fire, permafrost, and human development on caribou habitat and recovery
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
CIMP210	Wilfrid Laurier University (WLU)	Development of a Biological Monitoring Program to Detect Change in Stream Health Along the Dempster-Inuvik-Tuktoyaktuk-Corridor
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

Esri, GEBCO, Garmin, NaturalVue, Esri, GEBCO, Garmin, NGS