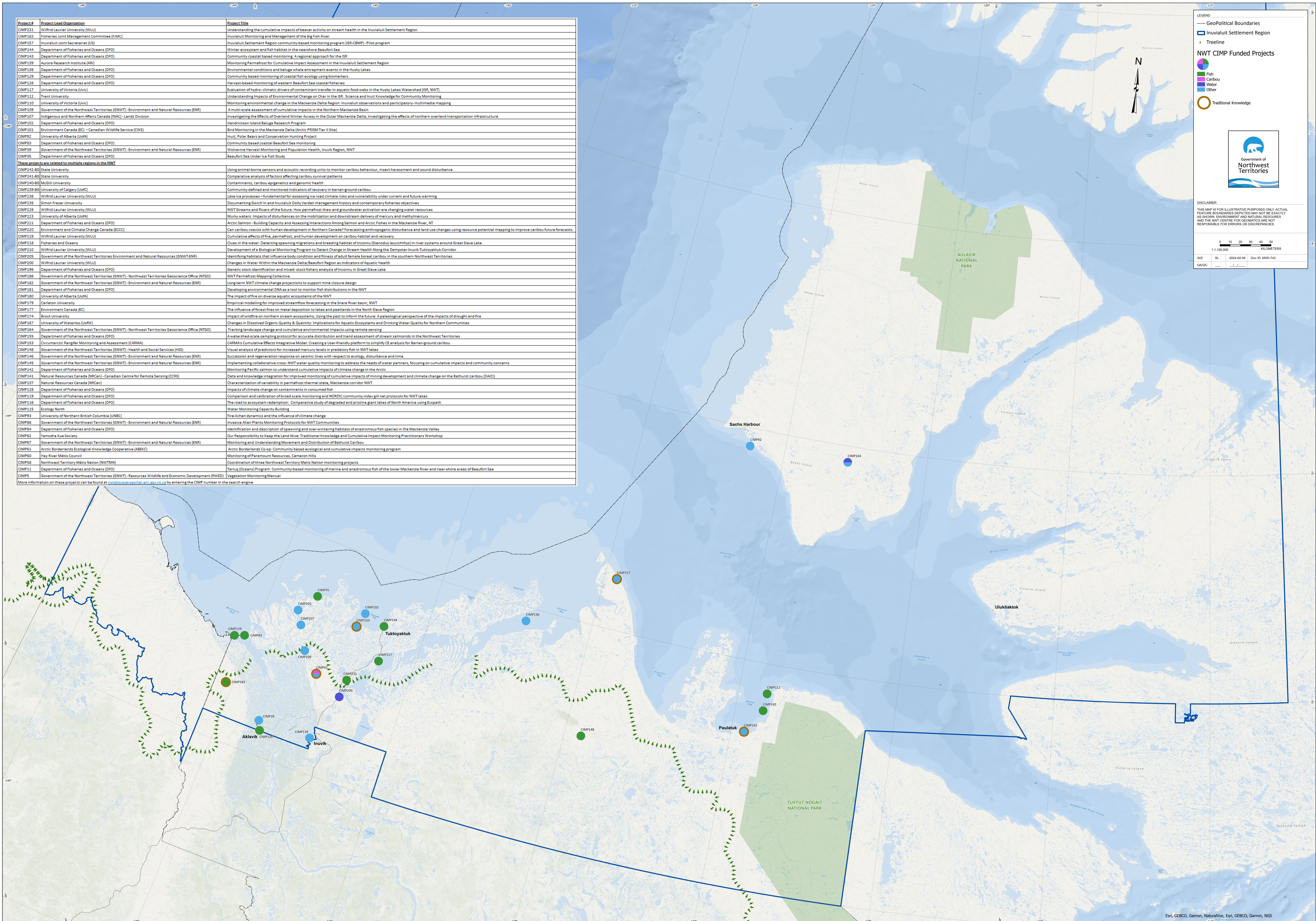


# NWT CIMP FUNDED PROJECTS IN THE INUVIALUIT SETTLEMENT REGION 1999-2024



Project #	Project Lead/Organization	Project Title
CIMP231	Wilfrid Laurier University (WLU)	Understanding the cumulative impacts of beaver activity on stream health in the Inuvialuit Settlement Region
CIMP183	Fisheries Joint Management Committee (FJMC)	Inuvialuit Monitoring and Management of the Big Fish River
CIMP157	Inuvialuit Joint Secretariat (IJS)	Inuvialuit Settlement Region community-based monitoring program (ISR-CIMP) Pilot program
CIMP144	Department of Fisheries and Oceans (DFO)	Winter ecosystem and fish habitat in the nearshore Beaufort Sea
CIMP143	Department of Fisheries and Oceans (DFO)	Community coastal based monitoring: A regional approach for the ISR
CIMP139	Nature Research Institute (ANI)	Monitoring Permafrost for Cumulative Impact Assessments in the Inuvialuit Settlement Region
CIMP126	Department of Fisheries and Oceans (DFO)	Environmental conditions and beluga whale entrapment events in the Husky Lakes
CIMP129	Department of Fisheries and Oceans (DFO)	Community based monitoring of coastal fish ecology using biomarkers
CIMP126	Department of Fisheries and Oceans (DFO)	Harvest-based monitoring of western Beaufort Sea coastal fisheries
CIMP117	University of Victoria (Uvic)	Evaluation of hydro-climatic drivers of contaminant transfer in aquatic food webs in the Husky Lakes Watershed (ISR, NWT)
CIMP112	Trent University	Understanding Impacts of Environmental Change on Char in the ISR: Science and Inuit Knowledge for Community Monitoring
CIMP110	University of Victoria (Uvic)	Monitoring environmental change in the Mackenzie Delta Region: Inuvialuit observations and participatory-multimedia mapping
CIMP109	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	A multi-scale assessment of cumulative impacts in the Northern Mackenzie Basin
CIMP107	Indigenous and Northern Affairs Canada (INAC) - Lands Division	Investigating the Effects of Overland Winter Access in the Outer Mackenzie Delta: Investigating the effects of northern overland transportation infrastructure
CIMP102	Department of Fisheries and Oceans (DFO)	Handrikson Island Beluga Research Program
CIMP101	Environment Canada (EC) - Canadian Wildlife Service (CWS)	Bird Monitoring in the Mackenzie Delta (Arctic PRISM Tier II Site)
CIMP92	University of Alberta (UofA)	Inuit, Polar Bears and Conservation Hunting Project
CIMP83	Department of Fisheries and Oceans (DFO)	Community based coastal Beaufort Sea monitoring
CIMP39	Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR)	Wolverine Harvest Monitoring and Population Health, Inuvik Region, NWT
CIMP35	Department of Fisheries and Oceans (DFO)	Beaufort Sea Under Ice Fish Study
<b>These projects are related to multiple regions in the NWT</b>		
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 Inuvic and Inuvialuit Daily 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)	Mutiny 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 palaeological perspective of the impacts of drought and fire
CIMP167	University of Waterloo (UoW)	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	Circum-arctic 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	Yamoha Kua 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 Métis Nation monitoring projects
CIMP11	Department of Fisheries and Oceans (DFO)	Tanlus (Ocean) Program: Community-based monitoring of marine and anadromous fish of the lower Mackenzie River and nearshore areas of Beaufort Sea
CIMP5	Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED)	Vegetation Monitoring Manual

**LEGEND**

- GeoPolitical Boundaries
- Inuvialuit Settlement Region
- Treeline
- NWT CIMP Funded Projects
  - Fish
  - Caribou
  - Water
  - Other
- Traditional Knowledge

**Government of Northwest Territories**

**DISCLAIMER**  
 THIS MAP IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL FEATURE BOUNDARIES DEPICTED MAY NOT BE EXACTLY AS SHOWN. ENVIRONMENT AND NATURAL RESOURCES AND THE NWT CENTRE FOR GEOMATICS ARE NOT RESPONSIBLE FOR ERRORS OR DISCREPANCIES.

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 Date: 2024-02-08  
 Doc ID: M00-742