

NWT CIMP Project Factsheet
1999 to 2017

| ID # | Valued Component | Title | Lead Organization | Project Lead <small>Contact provided for current projects</small> | Project Years |
|-----------------------------|--------------------------------|---|--|--|-------------------------------------|
| Akaiicho Region (38) | | | | | |
| - | Water | Cumulative effects of diamond mines on water quality in Lac de Gras | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Lorraine Brekke (lorraine_brekke@gov.nt.ca) | 2014/2015 2015/2016 2016/2017 |
| 174 | Water | Impact of wildfire on northern stream ecosystems | Brock University | Mike Pisaric (mpisaric@brocku.ca) | 2015/2016 |
| 171 | Caribou, Traditional Knowledge | Barren-ground caribou Traditional Knowledge mapping and analysis | Yellowknives Dene First Nation | Randy Freeman (rfreeman@ykdene.com) | 2015/2016 |
| 168 | Water | Understanding regional variability in soil geochemistry in an area impacted by legacy industrial activity | Queen's University | Mike Palmer (mike_palmer@gov.nt.ca) | 2015/2016 |
| 166 | Fish | Geospatial models and isotope tracers to identify key fish habitats along the Slave River | University of Saskatchewan | Karl-Erich Lindenschmidt (Karl-erich.lindenschmidt@usask.ca) | 2014/2015 2015/2016 |
| 161 | Water, Fish | Cumulative impacts monitoring of aquatic ecosystem health of Yellowknife Bay, Great Slave Lake | Environment Canada | John Chetelat (john.chetelat@ec.gc.ca) | 2014/2015 2015/2016 |
| 156 | Capacity Building | Engaging Fort Resolution Youth in Cumulative Impacts Monitoring and Assessment - Developing and Operationalizing A Framework for Youth Engagement | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Jennifer Fresque-Baxter | 2013/2014 |
| 151 | Water | Establishing a water quality dataset for cumulative effects assessment in the North Slave | Yellowknives Dene First Nation (YKDFN) | Todd Slack | 2012/2013 2013/2014 2014/2015 |

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| 147 | Other mammals (terrestrial) | Furbearer contaminants, population and harvest on the Slave River and Slave River Delta: historical and current conditions | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Erin Kelly | 2012/2013 |
| 140 | Water | Changing hydrology in the Taiga Shield: Geochemical and resource management implications | Aboriginal Affairs and Northern Development Canada (AANDC) - Water Resources Division | Shawne Kokelj | 2012/2013 2013/2014 2014/2015 |
| 138 | Water | Cumulative impact monitoring in Thaidene Nene - Ni Hat'ni Dene program; Ni Hat'ni Dene Program | Lutselk'e Dene First Nation (LKDFN) | Gloria Enzoe | 2011/2012 2012/2013 2013/2014 |
| 125 | Fish | Environmental baseline conditions of habitat and fish tissue at a proposed effluent discharge site, Yellowknife Bay, NWT | Department of Fisheries and Oceans (DFO) | Pete Cott | 2011/2012 |
| 124 | Climate | Establishing standard monitoring stations in the North Slave | Indian and Northern Affairs Canada (INAC) - Cumulative Impact Monitoring Program (CIMP) | Michael Palmer | 2011/2012 |
| 114 | Water | Vulnerability assessment for the Slave River and Slave River Delta and sediment core sampling to assess contaminant deposition to the Slave River Delta over time | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Erin Kelly | 2011/2012 |
| 111 | Water | Slave River Water and Suspended Sediment Quality Community Sampling Program | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2010/2011 |
| 98 | Traditional knowledge, Climate | Using traditional knowledge to assess past and current climate change in the south-central Northwest Territories | North Slave Métis Alliance (NSMA) | Sheryl Grieve | 2009/2010 |

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| 95 | Water | Community monitoring of the Great Slave Lake ecosystem: First steps; Community monitoring of the Great Slave Lake ecosystem: Second steps; Community and scientific monitoring of the Great Slave Lake ecosystem | Environment Canada (EC) - National Water Research Institute (NWRI) | Marlene Evans | 2009/2010 2010/2011 2011/2012 2012/2013 |
| 90 | Traditional Knowledge | North Slave Community Based Monitoring Integrating Traditional Knowledge & Science; Integration of science and traditional knowledge in community based monitoring | North Slave Métis Alliance (NSMA) | Sheryl Grieve | 2008/2009 2009/2010 |
| 88 | Climate | Climate Change in the Central Northwest Territories – A Paleolimnological Analysis | Golder Associates Ltd. | Jennifer Galloway | 2008/2009 |
| 77 | Water | Little Buffalo River Water Quality Program | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2007/2008 2008/2009 2009/2010 |
| 76 | Traditional Knowledge | Repatriation of Métis Traditional Knowledge from the Dene Mapping Project | North Slave Métis Alliance (NSMA) | Sheryl Grieve | 2007/2008 |
| 75 | Human health and community wellness | Development of Community Specific Indicators for Socioeconomic and Community Wellness for the NSMA Community | North Slave Métis Alliance (NSMA) | Sheryl Grieve | 2007/2008 |
| 69 | Water | Water is Life Conference | Akaiicho Territory Government (ATG) | Diane Giroux | 2007/2008 |
| 68 | Water | Great Slave Lake Watershed Community Aquatic Research and Monitoring Program | Akaiicho Territory Government (ATG) | George Low | 2007/2008 |
| 64 | Fish | Youth Winter and Fish Monitoring Camp; Camp Akaiicho - Fish Study | William Macdonald School | Sandra Bowden | 2006/2007 2007/2008 |

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|------|-----------------------------|---|---|----------------|--|
| 62 | Capacity Building | Field Monitoring and Training of Monitoring Staff | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2006/2007 |
| 60 | Community Based Monitoring | Monitoring of Paramount Resources, Cameron Hills | Hay River Métis Council | Daniel Beck | 2005/2006 |
| 59 | Capacity Building | Monitoring at the Pine Point Mine Site | Fort Resolution Métis Council (FRMC) | Lloyd Cardinal | 2005/2006 |
| 58 | Capacity Building | Coordination of three Northwest Territory Metis Nation monitoring projects | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2005/2006 |
| 43 | Capacity Building | NSMA Capacity Building: Global Positioning System and Geographical Information Systems Training | North Slave Métis Alliance (NSMA) | Kris Johnson | 2004/2005 |
| 42 | Traditional Knowledge | NSMA Harvester's and Monitor's Resource Guide and Traditional Foods Cookbook | North Slave Métis Alliance (NSMA) | Kris Johnson | 2004/2005 |
| 37 | Other mammals (terrestrial) | Trapper Training and Fire Ecology Program; Trapper/Hunter Training; Hunting, Trapping and Fire Effects Training; Hunting, Trapping and Fire Ecology Program | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Danny Beaulieu | 2004/2005, 2005/2006, 2007/2008, 2008/2009, 2009/2010, 2010/2011, 2011/2012, 2012/2013 |
| 33 | Community Based Monitoring | Community Based Monitoring of Non-Permitted Cabins and Dwellings in the North Slave Region | North Slave Métis Alliance (NSMA) | Kris Johnson | 2003/2004 |
| 31 | Capacity Building | ArcView Training; Capacity building: ArcGIS training | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2003/2004, 2004/2005 |
| 28 | Moose | Moose Monitoring in the North Slave Region | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Dean Cluff | 2003/2004, 2007/2008 |

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|---------------------------|-----------------------------|--|--|--|--|
| 20 | Traditional Knowledge | Geographic Information System environmental assessment and traditional knowledge study of the winter road | North Slave Métis Alliance (NSMA) | Robert Turner | 2002/2003 |
| 18 | Water | Water quality sampling – Fort Resolution, Fort Smith & Hay River | NWT Métis Nation (NWTMN) | Robert Tordiff | 2002/2003 |
| 13 | Other mammals (terrestrial) | and observations in the South Slave region | Northwest Territories (GNWT) - Resources | Deborah Johnson | 2002/2003 |
| Dehcho Region (26) | | | | | |
| 184 | Multi | The Ka'a'gee Tu Atlas: Community-based monitoring of landscape change in Kakisa, NT | Ka'a'gee Tu First Nation | Melaine Simba (kaagetu_envcoord@northwestel.net) | 2016/17 |
| 168 | Water | Understanding the regional variability in soil geochemistry in an area impacted by legacy industrial activity | Queen's University | Heather Jamieson (jamieson@queensu.ca) | 2015/2016 2016/2017 |
| 154 | Fish | Understanding and predicting fish mercury levels in the Dehcho region using models of bio-magnification and bio-accumulation | Dehcho First Nations | George Low (geobarbgeo@hotmail.com) | 2013/2014 2014/2015 2015/2016 |
| 149 | Fish, Water | Investigating the cumulative effects of environmental change and human activity in the Tathlina watershed | Ka'a'gee Tu First Nation | Melaine Simba/Mike Palmer (kaagetu_envcoord@northwestel.net) | 2012/2013 2013/2014 2014/2015 2015/2016 |
| 135 | Water | Hay River water and suspended sediment quality - community sampling program | Indian and Northern Affairs Canada (INAC) - Water Resources Division | Andrea Czarnecki | 2011/2012 |

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| 134 | Other wildlife (avian) | Population trends of songbirds in the Fort Liard area | Environment Canada (EC) – Canadian Wildlife Service (CWS) | Craig Machtans | 2011/2012 |
| 123 | Fish, Water | Cumulative Effects Monitoring Program (CEMP) Baseline Study | Ka'a'gee Tu First Nation (KTFN) | Lloyd Chicot | 2011/2012 |
| 121 | Water, Other mammals (terrestrial) | Landscape scale flooding in the Great Slave Lake Plain: Expansion of lakes, flooding of wetlands and implications to bison habitat and local land users | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Terry Armstrong | 2011/2012 2012/2013 2013/2014 |
| 105 | Capacity Building | CABiN Training for Dehcho Communities; CABiN protocol training and stream assessment project | Dehcho First Nations (DCFN) | George Low | 2010/2011 2011/2012 |
| 104 | Community Based Monitoring | Developing a Community Based Aquatic Research and Monitoring Program; Developing a "Pathways" model for the Dehcho community-based research and monitoring program | Dehcho First Nations (DCFN) | George Low | 2010/2011 2011/2012 |
| 103 | Fish | Assessment of Critical Bull Trout Habitat in the South Nahanni Watershed | Department of Fisheries and Oceans (DFO) | Neil Mochnacz | 2010/2011 |
| 99 | Fish | Quantifying the cumulative effects of mining on the ecological health of rivers in the South Nahanni watershed; Quantifying the cumulative effects of industrial activities on the health of fish in rivers in the Northwest Territories | Parks Canada (PC) | Garry Scrimgeour | 2009/2010 2012/2013 |
| 91 | Caribou | Woodland Caribou Research: Phase 3 | Sambaa K'e Dene Band (SKDB) | Ruby Jumbo | 2008/2009 |

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| 81 | Water | Development and Application of Methods to Monitor the Ecological Health of the South Nahanni Watershed | University of Saskatchewan (UofS) | Monique Dube | 2007/2008 |
| 78 | Caribou | Survey of Caribou Health and Monitoring in the Boreal Forest Region of Pehdzeh Ki Deh | Pehdzeh Ki First Nation | D'Arcy Moses | 2007/2008 |
| 74 | Vegetation | Sustainable Forest Harvesting Initiative | Liidlii Kue First Nation | Roy Chenard | 2007/2008 |
| 73 | Traditional Knowledge | Continuing Traditional Knowledge and Information Gathering | Liidlii Kue First Nation | Keyna Norwegian | 2007/2008 |
| 72 | Caribou, Moose, Other mammals (terrestrial) | Cameron Hills Wildlife Monitoring | Ka'a'gee Tu First Nation (KTFN) | Allan Landry | 2007/2008 |
| 57 | Capacity Building | GIS Training Courses | West Point First Nation | Wendy Cayen | 2005/2006 |
| 40 | Caribou | Boreal Caribou Collaring; Seasonal Range Use and Movement Patterns of Boreal Caribou in the Dehcho; Monitoring the Dehcho boreal caribou population; | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Nic Larter | 2004/2005 2005/2006 2006/2007 2007/2008 2008/2009 2009/2010 2011/2012 2012/2013 2013/2014 |
| 38 | Moose | Moose Population Monitoring | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Nic Larter | 2004/2005, 2005/2006, 2007/2008, 2008/2009, 2009/2010, 2010/2011, 2011/2012 |
| 30 | Caribou | Boreal Caribou Population Trend Monitoring in the Cameron Hills Area of the Deh Cho – Community Involvement | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Deborah Johnson | 2003/2004 |

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| 25 | Water | Water Quality Baseline Monitoring – Prairie Creek | Indian and Northern Affairs Canada (INAC) - Water Resources Division | Robin Staples | 2003/2004 |
| 24 | Capacity Building | Community Training in the Preparation of Reports on Contaminated Studies in Dehcho Lakes; Community Training in the Winter Water Quality Surveys | Environment Canada (EC) - National Water Research Institute (NWRI) | Marlene Evans | 2003/2004, 2004/2005 |
| 16 | Capacity Building | Deh Cho youth ecology camp; Youth Winter Camp; Dehcho Traditional Cultural Camp | Dehcho First Nations (DCFN) | Alison de Pelham | 2002/2003, 2003/2004, 2004/2005, 2006/2007, 2007/2008 |
| 8 | Caribou, Moose, Fish | Development of work plan concerning the presence of contaminants and the general health of moose, woodland caribou, and fish in the Deh Cho | Deh Cho First Nations (DCFN) | John Barlett | 2001/2002 |
| Gwich'in Region (20) | | | | | |
| 108 | Water, Snow, ground ice and permafrost | Evaluating catchment scale cumulative impacts: Mega-scale permafrost disturbances and their effects on terrestrial and aquatic systems in the Richardson Mountains, NWT | Indian and Northern Affairs Canada (INAC) - Cumulative Impact Monitoring Program (CIMP) | Steve Kokelj | 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 |
| 106 | Snow, ground ice, and permafrost, Traditional knowledge | 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 | Gwich'in Tribal Council (GTC) | Mardy Semmler | 2010/2011 |

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| 97 | Moose | Moose abundance and composition in the Gwich'in Settlement Area and Inuvialuit Settlement Region | Gwich'in Renewable Resource Board (GRRB) | Kristen Callaghan | 2009/2010 2010/2011 |
| 96 | Caribou, Moose, Other mammals (terrestrial) | Harvest Data Collection - Gwich'in Settlement Area; Gwich'in Harvest Study | Gwich'in Renewable Resource Board (GRRB) | Amy Thompson | 2009/2010 2011/2012 2013/2014 |
| 89 | Community based monitoring | Gap analysis of research in the Gwich'in Settlement Area | Gwich'in Renewable Resource Board (GRRB) | Amy Thompson | 2008/2009 |
| 71 | Fish | Vittrekwa River Char – Habitat Equipment and Analysis | Gwich'in Renewable Resource Board (GRRB) | Nathan Millar | 2007/2008 |
| 70 | Fish | Photographic Baseline for Dolly Varden Habitat in NWT Rivers | Gwich'in Renewable Resource Board (GRRB) | Nathan Millar | 2007/2008 |
| 55 | Traditional Knowledge | Repatriating Gwich'in Traditional Knowledge from the Dene Mapping Project | Gwich'in Social and Cultural Institute (GSCI) | Sharon Snowshoe | 2005/2006 2006/2007 2008/2009 2011/2012 |
| 54 | Moose | Moose Aerial Survey in the Gwich'in Settlement Area | Gwich'in Renewable Resource Board (GRRB) | Catherine Lambert | 2005/2006 |
| 53 | Fish | Arctic Red River and Mackenzie River Fish Study | Gwich'in Renewable Resource Board (GRRB) | Nathan Millar | 2005/2006 |
| 52 | Caribou, Moose, Other mammals (terrestrial) | Developing a monitoring program for moose, woodland caribou, grizzly bear populations in the Gwich'in Settlement Area | Gwich'in Tribal Council (GTC) | Kim Hawkins | 2005/2006 |
| 41 | Capacity Building | Environmental Monitor Training; Training Sessions for Four Environmental Research Monitors | Gwich'in Tribal Council (GTC) | West Delta Golder Corporation | 2004/2005 2005/2006 |
| 34 | Capacity Building | Implementation, Resources Management and Land Administration – Capacity Building | Gwich'in Tribal Council (GTC) | Deborah Bisson | 2003/2004 |

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| 29 | Water | Peel River Water and Sediment Quality Reporting | Indian and Northern Affairs Canada (INAC) - Water Resources Division | Andrea Czarnecki | 2003/2004 |
| 17 | Fish | Travaillant Lake Fish Movement Monitoring Study | Gwich'in Tribal Council (GTC) | Melanie Toyne | 2002/2003 |
| 10 | Vegetation | Permanent sample plots (PSP's) on Gwich'in lands | GTC – Gwich'in Land Administration (GLA) | Howard Townsend | 2001/2002, 2002/2003 |
| 9 | Fish | Peel River Fish Study | Gwich'in Renewable Resource Board (GRRB) | Melanie Toyne | 2001/2002, 2002/2003 |
| 4 | Traditional Knowledge | Community - Land Relationship Project re: Traditional Knowledge | Gwich'in Tribal Council (GTC) | Peter Clarkson | 2000/2001 |
| 2 | Water | Georeferencing water quality monitoring data in the Gwich'in Settlement Area | Gwich'in Tribal Council (GTC) | Peter Clarkson | 1999/2000 |
| 1 | Capacity Building | Community based involvement in the Mackenzie Valley Cumulative Impact Monitoring Program in the Gwich'in Settlement Area | Gwich'in Tribal Council (GTC) | Peter Clarkson | 1999/2000 |
| Inuvialuit Settlement Region (22) | | | | | |
| 183 | Fish | Inuvialuit Monitoring and Management of the Big Fish River | Fisheries Joint Management Committee - | Kristin Hynes (kristin.hynes@gmail.com) | 2016/2017 |
| 157 | Community based monitoring | Inuvialuit Settlement Region community-based monitoring program (ISR-CBMP) – Pilot program | Inuvialuit Joint Secretariat (IJS) | Jennie Knopp | 2013/2014 2014/2015 |
| 144 | Fish | Winter ecosystem and fish habitat in the nearshore Beaufort Sea | Department of Fisheries and Oceans (DFO) | Christine Michel | 2012/2013 |
| 143 | Marine mammals | Community coastal based monitoring: A regional approach for the ISR | Department of Fisheries and Oceans (DFO) | Lisa Loseto | 2012/2013 2013/2014 2014/2015 |

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| 139 | Snow, ground ice, and permafrost | Monitoring Permafrost for Cumulative Impact Assessment in the Inuvialuit Settlement Region | Aurora Research Institute (ARI) | Jolie Gareis | 2011/2012 |
| 136 | Marine mammals | Environmental conditions and beluga whale entrapment events in the Husky Lakes | Department of Fisheries and Oceans (DFO) | Steve Ferguson | 2011/2012 |
| 129 | Fish | Community based monitoring of coastal fish ecology using biomarkers | Department of Fisheries and Oceans (DFO) | Wojciech Walkusz | 2011/2012 |
| 126 | Fish | Harvest-based monitoring of western Beaufort Sea coastal fisheries | Department of Fisheries and Oceans (DFO) | Colin Gallagher | 2011/2012 |
| 117 | Fish | Evaluation of hydro-climatic drivers of contaminant transfer in aquatic food webs in the Husky Lakes Watershed (ISR, NWT) | University of Victoria (Uvic) | Klaus Gantner | 2011/2012 |
| 112 | Fish | Understanding Impacts of Environmental Change on Char in the ISR: Science and Inuit Knowledge for Community Monitoring | Trent University | Chris Furgal | 2010/2011 2011/2012 2012/2013 |
| 110 | Traditional Knowledge | Monitoring environmental change in the Mackenzie Delta Region: Inuvialuit observations and participatory-multimedia mapping | Inuvialuit Joint Secretariat (IJS) | Richard Binder | 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 |
| 109 | Snow, ground ice and permafrost, vegetation | Community Monitoring of Vegetation and Permafrost in the Mackenzie Delta Region | Inuvialuit Joint Secretariat (IJS) | Richard Binder | 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 |

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| 107 | Snow, ground ice, and permafrost | Investigating the Effects of Overland Winter Access in the Outer Mackenzie Delta; Investigating the effects of northern overland transportation infrastructure | Indian and Northern Affairs Canada (INAC) - Lands Division | Julian Kanigan | 2010/2011 2011/2012 |
| 102 | Marine mammals | Hendrickson Island Beluga Research Program | Department of Fisheries and Oceans (DFO) | Lisa Loseto | 2010/2011 |
| 101 | Other wildlife (avian) | Bird Monitoring in the Mackenzie Delta (Arctic PRISM Tier II Site) | Environment Canada (EC) – Canadian Wildlife Service (CWS) | Jennie Rausch | 2010/2011 2011/2012 |
| 92 | Other mammals (terrestrial) | Inuit, Polar Bears and Conservation Hunting Project | University of Alberta (UofA) | Milton Freeman | 2008/2009 |
| 83 | Fish | Community based coastal Beaufort Sea monitoring | Department of Fisheries and Oceans (DFO) | Christine Michel | 2008/2009 2009/2010 2010/2011 |
| 39 | Other mammals (terrestrial) | Wolverine Harvest Monitoring and Population Health, Inuvik Region, NWT | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Marsha Branigan | 2004/2005 |
| 35 | Fish | Beaufort Sea Under Ice Fish Study | Department of Fisheries and Oceans (DFO) | Pete Cott | 2004/2005 |
| 22 | Capacity Building | Wildlife monitoring course – background on monitoring, expectations and reporting, firearms and first aid certifications | Inuvialuit Game Council (IGC) | Robin Fonger | 2002/2003 |
| 11 | Fish | Tariuq (Oceans) Program: Community-based monitoring of marine and anadromous fish of the lower Mackenzie River and near-shore areas of Beaufort Sea | Department of Fisheries and Oceans (DFO) | Donald Cobb | 2002/2003, 2004/2005 |

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| 3 | Other wildlife (avian) | Monitoring and evaluating cumulative impacts of oil & gas development in the Delta using tundra swans as an indicator species | Environment Canada (EC) – Canadian Wildlife Service (CWS) | Jim Hines | 2000/2001, 2002/2003, 2003/2004 |
| Sahtu Region (18) | | | | | |
| 178 | Multi | Sahtu Regional Environmental Monitoring and Decision Support Tool | Sahtu Renewable Resource Board | Deborah Simmons (director@srrb.nt.ca) | 2016/17 |
| 165 | Caribou | Evaluating diversity and spatial organization of caribou in the Sahtu Region for management and environmental impact assessment | Sahtu Renewable Resource Board | Deborah Simmons (director@srrb.nt.ca) | 2014/2015 2015/2016 |
| 162 | Caribou, Moose, Other mammals (terrestrial) | Multi-species monitoring using winter track surveys in the Sahtu Settlement Region | GNWT - ENR - Wildlife | James Hodson (james_hodson@gov.nt.ca) | 2014/2015 2015/2016 |
| 160 | Caribou, Moose, Other mammals (terrestrial) | Community-based monitoring of wildlife health phase 2: Stress and pathogens in a changing landscape | University of Calgary | Susan Kutz (skutz@ucalgary.ca) | 2013/2014 2014/2015 2015/2016 |
| 158 | Traditional knowledge | Dene mapping project repatriation and analysis: Understanding valued places at the intersection of caribou ecology and harvesting | Sahtu Renewable Resource Board | Deborah Simmons (director@srrb.nt.ca) | 2013/2014 2014/2015 2015/2016 |
| 152 | Water | Establishing a watershed framework for assessing cumulative impacts of development | GNWT - ENR - NWT CIMP | Krista Chin (krista_chin@gov.nt.ca) | 2013/2014 2014/2015 2015/2016 |
| 130 | Water | Community based water quality monitoring in Great Bear Lake | Deline Renewable Resources Council (DRRC) | Lorien Nesbitt | 2011/2012 |

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| 127 | Fish | Long term monitoring of Great Bear Lake fisheries and the aquatic ecosystem | Department of Fisheries and Oceans | Kim Howland (kim.howland@dfo-mpo.gc.ca) | 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 |
| 113 | Caribou, moose | Moose and Caribou Health: Monitoring the Emergence and Impacts of Winter Tick in the Sahtu Settlement Region | University of Calgary (UofC) | Alessandro Massolo | 2010/2011 2011/2012 |
| 87 | Other mammals (terrestrial) | Ecology of the muskox below the treeline in the Sahtu Settlement Area | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Boyan Tracz | 2008/2009 2009/2010 |
| 79 | Caribou, Traditional Knowledge | Communities, Caribou and Climate Change: A Sahtu Region Traditional Knowledge Research and Monitoring Program | Sahtu Renewable Resource Board (SRRB) | Jody Snortland | 2007/2008 2008/2009 2009/2010 |
| 63 | Water | Bosworth Creek Monitoring Project | Sahtu Renewable Resource Board (SRRB) | Glen Guthrie | 2006/2007 2007/2008 2008/2009 2009/2010 |
| 56 | Caribou, Moose, Other mammals (terrestrial) | Sahtu-Specific Development Density Plan | Sahtu Renewable Resource Board (SRRB) | Ruaraidh Carthew | 2005/2006 |
| 51 | Caribou | Boreal woodland caribou response to industrial activity in the Summit-Keela area, Sahtu Region, NT | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Boyan Tracz | 2005/2006 2007/2008 2008/2009 |
| 44 | Caribou, Moose, Other mammals (terrestrial) | Using Hunter Observations and Ecological Knowledge Together With Science to Understand Past and Current Occurrence of Wildlife Diseases in the North | University of Saskatchewan (UofS) | Susan Kutz | 2004/2005 |

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| 19 | Capacity Building | Deline Research & Monitoring – draft community-based research and monitoring plan for Great Bear Lake area, working with a community trainee | Deline Uranium Team | Jennifer Blomqvist | 2002/2003 |
| 15 | Vegetation | Establishment of permanent sample plots (PSP's) for growth and yield, national forest inventory and cumulative impact monitoring in the Sahtu | Government of the Northwest Territories (GNWT) - Forest Management Division (FMD) | Lisa Smith | 2002/2003 |
| 14 | Capacity Building | 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 | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Alasdair Veitch | 2002/2003, 2003/2004, 2004/2005, 2005/2006, 2006/2007 |
| Wekeezhii Region (12) | | | | | |
| 133 | Caribou, Water, Snow, ground ice and permafrost | Snowpack accumulation: influence on caribou distribution, surface water chemistry and lake productivity | Wilfrid Laurier University (WLU) | Michael English | 2011/2012 2012/2013 2013/2014 2014/2015 |
| 175 | Water | Lac de Gras plankton | GNWT - ENR - NWT CIMP | Lorraine Brekke (lorraine_brekke@gov.nt.ca) | 2013/2014 2014/2015 2015/2016 |
| 172 | Caribou | Bathurst caribou resource selection function updates for the winter range | Golder Associates Ltd. | Damian Panayi (dpanayi@golder.com) | 2015/2016 |
| 169 | Caribou, Traditional Knowledge | When do caribou return?: Impacts of wildfires on Ṯdzı and ʔekw̱ḏ | Wek'èezhii Renewable Resources Board | Jody Pellissey (jpellissey@wrrb.ca) | 2015/2016 |

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| 159 | Water | Marian watershed community-based aquatic effects monitoring program | Tlicho Government | Sjoerd VanDerWielen (sjoerdvanderwielen@tlicho.com) | 2013/2014 2014/2015 2015/2016 |
| 150 | Caribou | Tlicho community-based monitoring of the Bathurst and Bluenose East caribou | Tlicho Government | Sean Richardson | 2012/2013 2013/2014 |
| 131 | Capacity Building | Capacity building for the Kwe Beh working group | Tlicho Government | Laura Duncan | 2011/2012 |
| 120 | Water, Fish | Tlicho Aquatic Ecosystem Monitoring Project | Wek'èzhii Renewable Resources Board (WRRB) | Boyan Tracz | 2011/2012 2012/2013 2013/2014 2014/2015 |
| 100 | Water | Marian Lake Watershed Monitoring/Management Program | Tlicho Lands Protection Department | Eddie Erasmus | 2009/2010 |
| 94 | Caribou, Traditional Knowledge | Using Tlicho Knowledge to monitor barren ground caribou | Tlicho Government | Petter Jacobsen (petterfjacobsen@gmail.com) | 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2014/2015 2015/2016 |
| 32 | Capacity Building | Preparation for Implementation of the Tlicho Agreement and CIMP | Dogrib Treaty 11 Council (Tlicho Government) | Zabey Nevitt | 2003/2004 |
| 21 | Capacity Building | Training opportunities for Dogrib Lands Protection department | Dogrib Treaty 11 Council (Tlicho Government) | Jolene Huskey | 2002/2003 |
| Multiple Regions (52) | | | | | |
| 186 | Permafrost | Building a cumulative impact monitoring network: Standardizing the reporting, archiving and dissemination of permafrost ground temperature and geohazard information | GNWT - ITI - NTGO | Steve Kokelj (steve_kokelj@gov.nt.ca) | 2016-2017 |

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|------|----------------------|--|------------------------------------|---|---------------|
| 185 | Multi | NSMA Community-Based TK Monitoring – Monitoring for Better Decision-Making | North Slave Metis Alliance | Shin Shiga (shin.shiga@nsma.net) | 2016-2017 |
| 182 | Multi | Long-term NWT climate change projections to support mine closure design | GNWT - ENR - Environment | Brian Sieben (brian_sieben@gov.nt.ca) | 2016-2017 |
| 181 | Fish | Developing environmental DNA as a tool to monitor fish distributions in the NWT | Department of Fisheries and Oceans | Karen Dunmall (karen.dunmall@dfo-mpo.gc.ca) | 2016-2017 |
| 180 | Water | The impact of fire on diverse aquatic ecosystems of the NWT | University of Alberta | Suzanne Tank (suzanne.tank@ualberta.ca) | 2016-2017 |
| 179 | Water | Hydrologic monitoring and modelling for improved streamflow forecasting in the Snare River Basin, NWT | Carleton University | Murray Richardson (murray.richardson@carleton.ca) | 2016-2017 |
| 177 | Water | The influence of forest fires on metal deposition to lakes and peatlands in the North Slave Region | Environment Canada (EC) | Brenda McAfee Nancy Kingsbury (nancy.kingsbury@canada.ca) | 2016-2017 |
| 176 | Water | Assessing Regulators' Information Needs to make Decisions regarding Cumulative Effects under the MVRMA | University of Saskatchewan | Bram Noble | 2016/2017 |
| - | Caribou, Water, Fish | Inventory of Landscape Change | GNWT - ENR - NWT CIMP | Mike Palmer (mike_palmer@gov.nt.ca) | 2015/2016 |
| 173 | Fish | Metal levels in large-bodied fishes near communities along the Mackenzie River compared to impacted and exploited lakes near Yellowknife, NT | GNWT - ENR - Waters | Pete Cott (pete_cott@gov.nt.ca) | 2015/2016 |

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| ID # | Valued Component | Title | Lead Organization | Project Lead | Project Years |
|------|--|---|---|---|--|
| 170 | Caribou, vegetation | Impacts of wildfire extent and severity on caribou habitat: from woodland to barren ground | Wilfrid Laurier University (WLU) | Jennifer Baltzer (jbaltzer@wlu.ca) | 2015/2016 |
| 167 | Water | Changes in dissolved organic quality and quantity: Implications for aquatic ecosystems and drinking water quality for northern communities | University of Waterloo | Sherry Schiff (sschiff@uwaterloo.ca) | 2014/2015 2015/2016 |
| 164 | Water, Snow, ground ice and permafrost | Mapping permafrost disturbance and impacts to aquatic systems across the northern NWT | NWT Geological Survey | Steve Kokelj (steve_kokelj@gov.nt.ca) | 2014/2015 2015/2016 |
| 155 | Fish | A watershed-scale sampling protocol for accurate distribution and trend assessment of stream salmonids in the Northwest Territories | Department of Fisheries and Oceans | Neil Mochnacz (neil.mochnacz@dfo-mpo.gc.ca) | 2013/2014 2014/2015 2015/2016 |
| 153 | Caribou | An energetics, population and landscape approach to assessing cumulative effects on the Bathurst caribou herd | Circumarctic Rangifer Monitoring and Assessment | Don Russell (drussell@yukoncollege.yk.ca) | 2013/2014 2014/2015 2015/2016 |
| 148 | Fish | Visual analysis of predictors for increased mercury levels in predatory fish in NWT lakes | Government of the Northwest Territories (GNWT) - Health and Social Services (HSS) | Kami Kandola | 2012/2013 |
| 146 | Caribou, vegetation | Succession and regeneration response on seismic lines with respect to ecology, disturbance and time | GNWT - ENR - Forestry | Lisa Smith (lisa_smith@gov.nt.ca) | 2012/2013 2013/2014 2014/2015 2015/2016 |
| 145 | Water | Implementing collaborative cross-NWT water quality monitoring to address the needs of water partners, focusing on cumulative impacts and community concerns | GNWT - ENR - Waters | Jennie Vandermeer (jennie_vandermeer@gov.nt.ca) | 2012/2013 2013/2014 2014/2015 2015/2016 |

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| ID # | Valued Component | Title | Lead Organization | Project Lead | Project Years |
|------|--------------------------|---|--|--|---|
| 142 | Fish | Monitoring Pacific salmon to understand cumulative impacts of climate change in the Arctic | Department of Fisheries and Oceans | Karen Dunmall (karen.dunmall@dfo-mpo.gc.ca) | 2012/2013 2013/2014 2014/2015 2015/2016 |
| 141 | Caribou | Satellite monitoring for assessing resource development's impact on Bathurst caribou (SMART) | Natural Resources Canada | Wenjun Chen (wenjun.chen@nrcan-rncan.gc.ca) | 2012/2013 2013/2014 2014/2015 2015/2016 |
| 137 | Snow, ground ice and | Characterization of variability in permafrost thermal state, Mackenzie corridor NWT | Natural Resources Canada (NRCan) | Sharon Smith | 2011/2012 |
| 132 | Fish | Integrated ecomonitoring and assessment of cumulative impacts on Great Slave Lake fisheries ecosystems | Department of Fisheries and Oceans | Xinhua Zhu (xinhua.zhu@dfo-mpo.gc.ca) | 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 |
| 128 | Fish | Impacts of climate change on contaminants in consumed fish | Department of Fisheries and Oceans (DFO) | Gary Stern | 2011/2012 2012/2013 |
| 122 | Vegetation | Integrated vegetation monitoring protocol | Environment Canada (EC) | Marlene Doyle | 2011/2012 |
| 119 | Water | Comparison and calibration of broad scale monitoring and NORDIC community index gill net protocols for NWT lakes | Department of Fisheries and Oceans (DFO) | Lorraine Brekke | 2011/2012 |
| 118 | Vegetation | Ecological monitoring in the Northwest Territories: a collaborative approach | Canadian Forest Service | Ruth Errington | 2011/2012 |
| 116 | Fish | The road to ecosystem redemption: Comparative study of degraded and pristine giant lakes of North America using Ecopath | Department of Fisheries and Oceans (DFO) | Ross Tallman | 2011/2012 2012/2013 |
| 115 | Water, Capacity Building | Water Monitoring Capacity Building | Ecology North | Christine Wenman | 2011/2012 |

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| ID # | Valued Component | Title | Lead Organization | Project Lead | Project Years |
|------|-----------------------|---|--|-------------------------|------------------------|
| 93 | Vegetation | Fire-lichen dynamics and the influence of climate change | University of Northern British Columbia (UNBC) | Kathy Lewis | 2008/2009 |
| 86 | Vegetation | Invasive Alien Plants Monitoring Protocols for NWT Communities | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Suzanne Carriere | 2008/2009 |
| 85 | Caribou | Modeling cumulative impacts on summer range of the Bathurst caribou herd: a demonstration project | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Jan Adamczewski | 2008/2009 |
| 84 | Fish | Identification and description of spawning and over-wintering habitats of anadromous fish species in the Mackenzie Valley | Department of Fisheries and Oceans (DFO) | Melanie VanGerwen-Toyne | 2008/2009 2009/2010 |
| 82 | Traditional Knowledge | Watching the Land: Traditional Knowledge and Cumulative Impact Monitoring Practitioners Workshop | Yamozha Kue Society | Raymond Sonfrere | 2007/2008 2008/2009 |
| 80 | Caribou | Environmental Impact Assessment and Monitoring Guidelines for Differentiating Natural Variation from Development-related Impacts on Caribou | University of Calgary (UofC) | Stephen Lines | 2007/2008 |
| 67 | Caribou | Monitoring and Understanding Movement and Distribution of Bathurst Caribou | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Bruno Croft | 2007/2008 |

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| ID # | Valued Component | Title | Lead Organization | Project Lead | Project Years |
|------|---|---|--|------------------|--|
| 66 | Community Based Monitoring | Pulling Information Together on Key Biodiversity Indicators for NWT Ecozones – Workshop Participation | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Suzanne Carriere | 2007/2008 |
| 65 | Vegetation | Data Repatriation of NWT Plant Label and GIS Information from Canadian Museums | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Suzanne Carriere | 2007/2008 |
| 61 | Caribou, Moose, Other mammals (terrestrial), Other wildlife (avian), Vegetation | Arctic Borderlands Community Based Monitoring Program | Arctic Borderlands Ecological Knowledge Cooperative (ABEKC) | Michael Svoboda | 2006/2007 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 |
| 50 | Caribou, Other mammals | Wolf abundance and predation on Bathurst caribou winter range | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Dean Cluff | 2005/2006 2006/2007 2011/2012 2012/2013 2013/2014 |
| 49 | Caribou, Moose, Other mammals (terrestrial) | Monitoring of Wildlife Populations and Harvesting on Hunting Corridors | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Stephen Hannah | 2005/2006 |
| 48 | Caribou, Traditional Knowledge | Boreal woodland caribou workshops in North Slave communities | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Dean Cluff | 2005/2006 |

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| ID # | Valued Component | Title | Lead Organization | Project Lead | Project Years |
|------|-----------------------------|---|---|-------------------|--|
| 47 | Water | Printing of Northern Water Quality Manual – English and French | Environment Canada (EC) | Douglas Halliwell | 2005/2006 |
| 46 | Water | Watercourse Resources Database Development | Department of Fisheries and Oceans (DFO) | Laura Rempel | 2005/2006 |
| 45 | Water | Winter Flow Measurements of Streams Crossed by the MacKenzie Valley Winter Road | Department of Fisheries and Oceans (DFO) | David Tyson | 2005/2006 |
| 36 | Other mammals (terrestrial) | Enhancing the Small Mammal and Snowshoe Hare Surveys in the NWT's communities: Web portal and Video of standard protocols | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Suzanne Carriere | 2004/2005 |
| 27 | Caribou, Capacity Building | Building Community Capacity for monitoring cumulative impacts for the Bathurst Caribou herd in the NWT | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Anne Gunn | 2003/2004 |
| 26 | Vegetation | General Status Ranking of all Vascular Plants in the NWT | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Suzanne Carriere | 2003/2004 |
| 23 | Water | Pan-northern manual for water quality monitoring | Ecological Monitoring and Assessment Network - North (EMAN) | Leslie Wakelyn | 2002/2003 |
| 12 | Water, Capacity Building | Community capacity building – sampling, analysis & interpretation course | Indian and Northern Affairs Canada (INAC) - Taiga Environmental Laboratory | Kathleen Racher | 2002/2003, 2003/2004, 2004/2005, 2005/2006 |

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| ID # | Valued Component | Title | Lead Organization | Project Lead | Project Years |
|------|------------------|--------------------------------------|---|----------------|---------------|
| 7 | Caribou | Caribou movements | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | - | 2001/2002 |
| 6 | Insects | Insect monitoring and identification | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Mike Gravel | 2001/2002 |
| 5 | Vegetation | Vegetation Monitoring Manual | Government of the Northwest Territories (GNWT) - Resources Wildlife and Economic Development (RWED) | Jennifer Lange | 2001/2002 |