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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **North/South Slave Region (45)** | | |  |  | Email provided for  current projects | |
| **209** | Science | Water | Nutrient and contaminant status in the wetlands of the Slave River Delta | University of Saskatchewan (UofS) | lorne.doig@usask.ca | 2019/2020 |
| **208** | Science | Caribou | Assessing the disturbance responses of barren-ground caribou to industrial infrastructure | University of Northern British Columbia (UNBC) | Chris Johnson johnsoch@unbc.ca | 2019/2020 |
| **206** | Science, TK | Fish | Ecological monitoring of Lake trout in the Great Slave Lake | Department of Fisheries and Oceans (DFO) | Kimberly Howland & Muhammad YaminJanjua Muhammad.Janjua@dfo‐mpo.gc.ca | 2019/2020 |
| **204** | Science | Water | Fate of heavy metals in sewage disposal facilities and cumulative impacts on downstream aquatic systems | Dalhousie University | Rob Jamieson jamiesrc@dal.ca | 2019/2020 |
| **201** | Traditional Knowledge | Cumulative effects | Yellowknives Dene Cumulative Impact and Monitoring Framework | Yellowknives Dene First Nation (YKDFN) | Johanne Black (jblack@ykde  ne.com) | 2018/2019 2019/2020 |
|  |  |  | Recovery of boreal caribou habitat after forest fires. |  | Carol Ann Chaplin |  |
| **194** | Science | Caribou |  | Deninu Kue First Nation (DKFN) | sao@dkfn.ca | 2018/2019 2019/2020 |
|  |  |  |  |  |  |  |
|  |  |  | A multidisciplinary |  |  |  |
|  |  |  | investigation of recovery in |  |  |  |
|  |  |  | Yellowknife area lakes |  | Mike Palmer |  |
| **192** | Science | Water, Fish | from 50 years of arsenic  pollution: What are the factors inhibiting recovery and the biological consequences? | Carleton University | (MichaelPalm  [er@cmail.carl](mailto:er@cmail.carl)ton.ca | 2017/2018  2018/2019  2019/2020 |
|  |  |  |  |  |  |  |
| **185** | Traditional Knowledge | Community based monitoring | Community-Based TK Monitoring – Monitoring for Better Decision-Making Phase 3 | Yellowknives Dene First Nation (YKDFN) | Johanne Black (jblack@ykdene.com) | 2016/2017  2017/2018  2018/2019 2019/2020 |
| **174** | Science | Water | Impact of wildfire on northern stream | Brock University | Mike Pisaric (mpisaric@br | 2015/2016  2016/2017  2017/2018 |
|  |  |  | ecosystems |  | ocku.ca) | 2018/2019  2019/2020 |
|  |  |  | Barren-ground caribou |  | Johanne |  |
| **171** | Traditional Knowledge | Caribou | Traditional Knowledge mapping and analysis | Yellowknives Dene First Nation (YKDFN) | Black (jblack@ykde | 2015/2016  2016/2017  2017/2018 |
|  |  |  |  |  | ne.com) |  |
|  |  |  | Understanding the regional |  | Heather Jamieson (jamieson@q ueensu.ca) | 2015/2016  2016/2017  2017/2018 |
|  |  |  | variability in soil |  |
| **168** | Science | Water, Soil | geochemistry in an area | Queen's University |
|  |  |  | impacted by legacy |  |
|  |  |  | industrial activity |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | Geospatial models and |  | Karl |  |
| **166** | Traditional Knowledge & Science | Fish | isotope tracers to identify key fish habitats along the Slave River | University of Saskatchewan (UofS) | Lindenschmid t (Karl- erich.lindensc  hmidt@usask | 2014/2015  2015/2016  2016/2017 |
|  |  |  |  |  | .ca) |  |
|  |  |  | Cumulative impacts |  |  |  |
|  |  |  | monitoring of aquatic |  |  |  |
|  |  |  | ecosystem health of |  |  |  |
|  |  |  | Yellowknife Bay, Great |  | John |  |
| **161** | Science | Water, Fish | Slave Lake; Legacy arsenic pollution in Yellowknife | Environment and Climate Change Canada (ECCC) | Chetelat (john.chetelat | 2014/2015  2015/2016  2018/2019 |
|  |  |  | Bay sediments: An |  | @canada.ca) | 2019/2020 |
|  |  |  | assessment of its long- |  |  |  |
|  |  |  | term fate under a changing |  |  |  |
|  |  |  | climate |  |  |  |
|  |  |  | Engaging Fort Resolution | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Jennifer |  |
|  |  |  | Youth in Cumulative | Fresque- |  |
|  |  |  | Impacts Monitoring and | Baxter |  |
| **156** | Science | Capacity Building | Assessment - Developing | (jennifer\_fres | 2013/2014 |
|  |  |  | and Operationalizing A | que- |  |
|  |  |  | Framework for Youth | [baxter@gov.n](mailto:baxter@gov.n) |  |
|  |  |  | Engagement | t.ca) |  |
|  |  |  | Establishing a water quality |  |  |  |
| **151** | Science | Water | dataset for cumulative effects assessment in the North Slave | Yellowknives Dene First Nation (YKDFN) | Todd Slack | 2012/2013  2013/2014  2014/2015 |
|  |  |  | Furbearer contaminants, | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) |  |  |
|  |  |  | population and harvest on |  |  |
| **147** | Science | Other mammals (terrestrial) | the Slave River and Slave | Erin Kelly | 2012/2013 |
|  |  |  | River Delta: historical and current conditions |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | Changing hydrology in the |  |  |  |
| **140** | Science | Water | Taiga Shield: Geochemical and resource management implications | Environment and Climate Change Canada (ECCC) | Chris Spence | 2012/2013  2013/2014  2014/2015 |
|  |  |  | Cumulative impact |  |  |  |
| **138** | Traditional Knowledge | Water | monitoring in Thaidene Nene - Ni Hat'ni Dene  program; Ni Hat'ni Dene | Lutselk'e Dene First Nation (LKDFN) | Gloria Enzoe | 2011/2012  2012/2013  2013/2014 |
|  |  |  | Program |  |  |  |
| **125** | Science | 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** | Science | Climate | Establishing standard monitoring stations in the North Slave | Indigenous and Northern Affairs Canada (INAC) - Cumulative Impact  Monitoring Program (CIMP) | Michael Palmer | 2011/2012 |
|  |  |  | Vulnerability assessment | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) |  |  |
|  |  |  | for the Slave River and |  |  |
|  |  |  | Slave River Delta and |  |  |
| **114** | Science | Water | sediment core sampling to | Erin Kelly | 2011/2012 |
|  |  |  | assess contaminant |  |  |
|  |  |  | deposition to the Slave |  |  |
|  |  |  | River Delta over time |  |  |
|  |  |  | Slave River Water and |  |  |  |
| **111** | Science | Water | Suspended Sediment  Quality Community | Northwest Territory Métis  Nation (NWTMN) | Chris Heron | 2010/2011 |
|  |  |  | Sampling Program |  |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **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 |
|  |  |  | Community monitoring of | Environment and Climate Change Canada (ECCC) - National Water Research Institute (NWRI) |  |  |
|  |  |  | the Great Slave Lake |  |  |
|  |  |  | ecosystem: First steps; |  |  |
| **95** | Science | Water | Community monitoring of  the Great Slave Lake ecosystem: Second steps; | Marlene Evans | 2009/2010  2010/2011  2011/2012  2012/2013 |
|  |  |  | Community and scientific |  |  |
|  |  |  | monitoring of the Great |  |  |
|  |  |  | Slave Lake ecosystem |  |  |
|  |  |  | Based Monitoring |  |  |  |
|  |  |  | Integrating Traditional |  |  |  |
| **90** | Traditional  Knowledge | Community Based Monitoring | Knowledge & Science;  Integration of science and | North Slave Métis Alliance  (NSMA) | Sheryl Grieve | 2008/2009  2009/2010 |
|  |  |  | traditional knowledge in |  |  |  |
|  |  |  | community based |  |  |  |
|  |  |  | monitoring |  |  |  |
|  |  |  | Climate Change in the | Golder Associates Ltd.  Northwest Territory Métis Nation (NWTMN) |  | 2008/2009  2007/2008  2008/2009  2009/2010 |
| **88** | Science | Climate | Central Northwest  Territories – A | Jennifer  Galloway |
|  |  |  | Paleolimnological Analysis |  |
| **77** | Science | Water | Little Buffalo River Water  Quality Program | Chris Heron |
| **76** | Traditional Knowledge | Capacity Building | Repatriation of Métis Traditional Knowledge from the Dene Mapping  Project | North Slave Métis Alliance (NSMA) | Sheryl Grieve | 2007/2008 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | Development of |  |  |  |
|  |  |  | Community Specific |  |  |  |
| **75** | Science | Human health and community  wellness | Indicators for  Socioeconomic and | North Slave Métis Alliance  (NSMA) | Sheryl Grieve | 2007/2008 |
|  |  |  | Community Wellness for |  |  |  |
|  |  |  | the NSMA Community |  |  |  |
| **69** | Science | Water | Water is Life Conference | Akaitcho Territory  Government (ATG) | Diane Giroux | 2007/2008 |
|  |  |  | Great Slave Lake |  |  |  |
| **68** | Science | Water | Watershed Community  Aquatic Research and | Akaitcho Territory  Government (ATG) | George Low | 2007/2008 |
|  |  |  | Monitoring Program |  |  |  |
| **64** | Science | Fish | Youth Winter and Fish  Monitoring Camp; Camp Akaitcho - Fish Study | William Macdonald School | Sandra Bowden | 2006/2007  2007/2008 |
| **62** | Science | Capacity Building | Field Monitoring and Training of Monitoring Staff | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2006/2007 |
| **60** | Science | Community Based Monitoring | Monitoring of Paramount  Resources, Cameron Hills | Hay River Métis Council  (HRMC) | Daniel Beck | 2005/2006 |
| **59** | Science | Capacity Building | Monitoring at the Pine  Point Mine Site | Fort Resolution Métis Council  (FRMC) | Lloyd Cardinal | 2005/2006 |
| **58** | Science | Capacity Building | Coordination of three Northwest Territory Metis Nation monitoring projects | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2005/2006 |
| **43** | Science | Capacity Building | NSMA Capacity Building: Global Positioning System and Geographical Information Systems  Training | North Slave Métis Alliance (NSMA) | Kris Johnson | 2004/2005 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **42** | Traditional Knowledge | Capacity Building | NSMA Harvester’s and Monitor’s Resource Guide and Traditional Foods  Cookbook | North Slave Métis Alliance (NSMA) | Kris Johnson | 2004/2005 |
| **37** | Science | 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) - Environment and Natural Resources (ENR) | Danny Beaulieu | 2004/2005,  2005/2006,  2007/2008,  2008/2009,  2009/2010,  2010/2011,  2011/2012,  2012/2013 |
| **33** | Science | 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** | Science | Capacity Building | ArcView Training; Capacity building: ArcGIS training | Northwest Territory Métis Nation (NWTMN) | Chris Heron | 2003/2004,  2004/2005 |
| **28** | Science | Moose | Moose Monitoring in the North Slave Region | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Dean Cluff | 2003/2004,  2007/2008 |
| **20** | Traditional Knowledge | Capacity Building | Geographic Information System environmental assessment and traditional knowledge study of the  winter road | North Slave Métis Alliance (NSMA) | Robert Turner | 2002/2003 |
| **18** | Science | Water | Water quality sampling – Fort Resolution, Fort Smith  & Hay River | NWT Métis Nation (NWTMN) | Robert Tordiff | 2002/2003 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **13** | Science | Other mammals (terrestrial) | Spatial distribution of trapper activity and observations in the South  Slave region | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Deborah Johnson | 2002/2003 |
| **Dehcho Region (30)** | | | | | | |
| 203 | Traditional Knowledge | Fish | Traditional Knowledge Study on Fish within the Acho Dene First Nation Traditional Territory | Acho Dene Koe First Nation (ADKFN) | Boyd Clark adkfn@landmarkrm.com | 2019/2020 |
| **199** | Science | Water | An integrated monitoring program for a boreal forest watershed with discontinuous permafrost responding to climate warming and increasing  anthropogenic pressures | Université de Montréal | Oliver Sonnentag (oliver.sonne ntag@umontr eal.ca) | 2018/2019 2019/2020 |
|  |  |  | Watching the Land: |  | Peter |  |
| **191** | Traditional Knowledge | Cumulative effects | Knowing the cumulative impacts of change | Katl'odeeche First Nation (KFN) | Redvers (Landdirector  @katlodeech | 2017/2018  2018/2019 2019/2020 |
|  |  |  |  |  | e.co m) |  |
|  |  |  | ADK TK and CI Qualitative |  | Alexander |  |
| **190** | Traditional Knowledge | Caribou | Assessment | Acho Dene Koe First Nation (ADKFN) | Fanni (achodeneko  e.fanni@nortwestwl.net | 2017/2018 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **189** | Traditional Knowledge | Caribou | Using Traditional Knowledge of JMRFN Elders to better understand changes in the  Boreal caribou habitat | Jean Marie River First Nation (JMRFN) | Margaret Ireland [(rmc@jmrfn.c](mailto:(rmc@jmrfn.c) om) | 2017/2018 |
|  |  |  | The Ka'a'gee Tu Atlas: |  | Melaine |  |
| **184** | Traditional Knowledge | Community Based Monitoring | Community- based  monitoring of landscape change in Kakisa, NT | Ka'a'gee Tu First Nation (KTFN) | Simba  (kaagetu\_env coord@north | 2016/2017  2017/2018 |
|  |  |  |  |  | we stel.net) |  |
|  |  |  | Understanding fish |  | Heidi | 2013/2014 |
| **154** | Science | Fish, Water | mercury concentrations in Dehcho lakes | University of Waterloo (UofW) | Swanson (heidi.swanso | 2014/2015  2015/2016  2016/2017 |
|  |  |  |  |  | n@uwaterloo | 2017/2018 |
|  |  |  |  |  | .ca) | 2018/2019 2019/2020 |
| **149** | Science | Fish, Water | Investigation of cumulative impacts in the Tathlina watershed through the analyses of food webs, fish health and water quality | Ka'a'gee Tu First Nation (KTFN) | Melaine Simba (kaagetu\_env coord@north we stel.net) | 2012/2013  2013/2014  2014/2015  2015/2016  2016/2017  2017/2018  2018/2019 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **135** | Science | Water | Hay River water and suspended sediment quality - community  sampling program | Indigenous and Northern Affairs Canada (INAC) - Water Resources Division | Andrea Czarnecki | 2011/2012 |
| **134** | Science | Other wildlife (avian) | Population trends of songbirds in the Fort Liard area | Environment and Climate Change Canada (ECCC) – Canadian Wildlife Service  (CWS) | Craig Machtans | 2011/2012 |
| **123** | Science | Fish, Water | Cumulative Effects Monitoring Program  (CEMP) Baseline Study | Ka'a'gee Tu First Nation (KTFN) | Lloyd Chicot | 2011/2012 |
|  |  |  | Landscape scale flooding in | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Terry Armstrong | 2011/2012  2012/2013  2013/2014 |
|  |  |  | the Great Slave Lake Plain: |
|  |  |  | Expansion of lakes, |
| **121** | Science | Water, Other mammals (terrestrial) | flooding of wetlands and |
|  |  |  | implications to bison |
|  |  |  | habitat and local land users |
|  |  |  | CABiN Training for Dehcho |  |  |  |
| **105** | Science | Capacity Building | Communities; CABiN protocol training and | Dehcho First Nations (DFN) | George Low | 2010/2011  2011/2012 |
|  |  |  | stream assessment project |  |  |  |
|  |  |  | Developing a Community |  |  |  |
|  |  |  | Based Aquatic Research |  |  |  |
|  |  |  | and Monitoring Program; |  |  |  |
| **104** | Science | Community Based Monitoring | Developing a "Pathways"  model for the Dehcho | Dehcho First Nations (DFN) | George Low | 2010/2011  2011/2012 |
|  |  |  | community- based |  |  |  |
|  |  |  | research and monitoring |  |  |  |
|  |  |  | program |  |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **103** | Science | Fish | Assessment of Critical Bull  Trout Habitat in the South Nahanni Watershed | Department of Fisheries and Oceans (DFO) | Neil Mochnacz | 2010/2011 |
|  |  |  | Quantifying the cumulative |  |  |  |
|  |  |  | effects of mining on the |  |  |  |
|  |  |  | ecological health of rivers |  |  |  |
|  |  |  | in the South Nahanni |  |  |  |
| **99** | Science | Fish | watershed; Quantifying the  cumulative effects of | Parks Canada (PC) | Garry  Scrimgeour | 2009/2010  2012/2013 |
|  |  |  | industrial activities on the |  |  |  |
|  |  |  | health of fish in rivers in |  |  |  |
|  |  |  | the Northwest Territories |  |  |  |
| **91** | Science | Caribou | Woodland Caribou  Research: Phase 3 | Sambaa K'e Dene Band (SKDB) | Ruby Jumbo | 2008/2009 |
| **81** | Science | 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** | Science | Caribou | Survey of Caribou Health and Monitoring in the Boreal Forest Region of  Pehdzeh Ki Deh | Pehdzeh Ki First Nation (PKFN) | D'Arcy Moses | 2007/2008 |
| **74** | Science | Vegetation | Sustainable Forest  Harvesting Initiative | Liidlii Kue First Nation (LKFN) | Roy Chenard | 2007/2008 |
| **73** | Traditional Knowledge | Capacity Building | Continuing Traditional  Knowledge and Information Gathering | Liidlii Kue First Nation (LKFN) | Keyna Norwegian | 2007/2008 |
| **72** | Science | Caribou, Moose, Other mammals  (terrestrial) | Cameron Hills Wildlife  Monitoring | Ka'a'gee Tu First Nation (KTFN) | Allan Landry | 2007/2008 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **57** | Science | Capacity Building | GIS Training Courses | West Point First Nation | Wendy Cayen | 2005/2006 |
| **40** | Science | 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) - Environment and Natural Resources (ENR) | Nic Larter | 2005/2006  2006/2007  2007/2008  2008/2009  2009/2010  2011/2012  2012/2013  2013/2014 |
| **38** | Science | Moose | Moose Population  Monitoring | Government of the Northwest  Territories (GNWT) - | Nic Larter | 2004/2005,  2005/2006,  2007/2008, |
| **30** | Science | Caribou | Boreal Caribou Population Trend Monitoring in the Cameron Hills Area of the Deh Cho – Community Involvement | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Deborah Johnson | 2003/2004 |
| **25** | Science | Water | Water Quality Baseline Monitoring – Prairie Creek | Indigenous and Northern Affairs Canada (INAC) - Water  Resources Division | Robin Staples | 2003/2004 |
| **24** | Science | Capacity Building | Community Training in the Preparation of Reports on Contaminated Studies in Dehcho Lakes; Community Training in the Winter Water Quality Surveys | Environment and Climate Canada (ECCC) - National Water Research Institute (NWRI) | Marlene Evans | 2003/2004,  2004/2005 |
| **16** | Traditional Knowledge | Capacity Building | Deh Cho youth ecology camp; Youth Winter Camp; Dehcho Traditional Cultural  Camp | Dehcho First Nations (DFN) | Alison de Pelham | 2002/2003,  2003/2004,  2004/2005,  2006/2007,  2007/2008 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **8** | Science | Caribou, Moose, Fish | Development of work plan  concerning the presence of | Deh Cho First Nations (DFN) | John Barlett | 2001/2002 |
| **Gwich'in Region (22)** | | | | | | |
| **197** | Science | Fish | How will fish communities  in Gwich'in lakes respond to climate change? | Wilfrid Laurier University (WLU) | Derek Gray  [(dgray@wlu.c](mailto:(dgray@wlu.c) a) | 2017/2018  2018/2019 2019/2020 |
| **195** | Science | Water, Fish | Community-based long term monitoring of the Peel River near Fort  McPherson | Simon Fraser University (SFU) | Emma Hodgson (hodgsone@u  w.edu) | 2017/2018  2018/2019 2019/2020 |
| **108** | Traditional Knowledge & Science | 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 | Indigenous and Northern Affairs Canada (INAC) - Cumulative Impact Monitoring Program (CIMP) | Steve Kokelj | 2010/2011  2011/2012  2012/2013  2013/2014  2014/2015 |
| **106** | Traditional Knowledge | Snow, ground ice, and permafrost | 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 |
| **97** | Science | 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 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **96** | Traditional  Knowledge & Science | 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** | Science | Community based monitoring | Gap analysis of research in  the Gwich'in Settlement Area | Gwich'in Renewable Resource Board (GRRB) | Amy Thompson | 2008/2009 |
| **71** | Science | Fish | Vittrekwa River Char –  Habitat Equipment and Analysis | Gwich'in Renewable Resource Board (GRRB) | Nathan Millar | 2007/2008 |
| **70** | Science | Fish | Photographic Baseline for  Dolly Varden Habitat in NWT Rivers | Gwich'in Renewable Resource Board (GRRB) | Nathan Millar | 2007/2008 |
| **55** | Traditional Knowledge | Capacity Building | 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** | Science | Moose | Moose Aerial Survey in the Gwich’in Settlement Area | Gwich'in Renewable Resource Board (GRRB) | Catherine Lambert | 2005/2006 |
| **53** | Science | Fish | Arctic Red River and  Mackenzie River Fish Study | Gwich'in Renewable Resource  Board (GRRB) | Nathan Millar | 2005/2006 |
| **52** | Science | 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** | Science | 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** | Science | Capacity Building | Implementation, Resources  Management and Land | Gwich'in Tribal Council (GTC) | Deborah  Bisson | 2003/2004 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **29** | Science | Water | Peel River Water and Sediment Quality Reporting | Indigenous and Northern  Affairs Canada (INAC) - Water Resources Division | Andrea Czarnecki | 2003/2004 |
| **17** | Science | Fish | Travaillant Lake Fish  Movement Monitoring Study | Gwich'in Tribal Council (GTC) | Melanie Toyne | 2002/2003 |
| **10** | Science | Vegetation | Permanent sample plots  (PSP’s) on Gwich’in lands | GTC – Gwich’in Land  Administration (GLA) | Howard  Townsend | 2001/2002,  2002/2003 |
| **9** | Science | Fish | Peel River Fish Study | Gwich’in Renewable Resource  Board (GRRB) | Melanie  Toyne | 2001/2002,  2002/2003 |
| **4** | Traditional Knowledge | Capacity Building | Community - Land Relationship Project re:  Traditional Knowledge | Gwich'in Tribal Council (GTC) | Peter Clarkson | 2000/2001 |
| **2** | Science | Water | Georeferencing water quality monitoring data in the Gwich’in Settlement  Area | Gwich’in Tribal Council (GTC) | Peter Clarkson | 1999/2000 |
| **1** | Science | 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 (23)** | | | | | | |
| **210** | Science | Water | Development of a Biological Monitoring Program to Detect Change in Stream Health Along the Dempster-Inuvik-Tuktoyaktuk-Corridor | Wilfrid Laurier University (WLU) | Joseph Culp jculp@wlu.ca | 2019/2020 |
| **183** | Traditional Knowledge  & Science | Fish | Inuvialuit Monitoring and Management of the Big  Fish River | Fisheries Joint Management Committee - Joint Secretariat  (FJMC-JS) | Kristin Hynes (kristin.hynes  @gmail.com) | 2016/2017  2017/2018 |
| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **157** | Traditional Knowledge & Science | 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** | Science | Fish | Winter ecosystem and fish habitat in the nearshore  Beaufort Sea | Department of Fisheries and Oceans (DFO) | Christine Michel | 2012/2013 |
| **143** | Traditional Knowledge  & Science | 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 |
| **139** | Science | 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** | Science | Marine mammals | Environmental conditions and beluga whale entrapment events in the  Husky Lakes | Department of Fisheries and Oceans (DFO) | Steve Ferguson | 2011/2012 |
| **129** | Science | Fish | Community based  monitoring of coastal fish ecology using biomarkers | Department of Fisheries and Oceans (DFO) | Wojciech Walkusz | 2011/2012 |
| **126** | Science | Fish | Harvest-based monitoring  of western Beaufort Sea coastal fisheries | Department of Fisheries and Oceans (DFO) | Colin Gallagher | 2011/2012 |
| **117** | Science | 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 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **112** | Science | 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 | Community based monitoring | 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** | Science | 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 |
| **107** | Science | 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 | Indigenous and Northern Affairs Canada (INAC) - Lands Division | Julian Kanigan | 2010/2011  2011/2012 |
| **102** | Science | Marine mammals | Hendrickson Island Beluga  Research Program | Department of Fisheries and  Oceans (DFO) | Lisa Loseto | 2010/2011 |
| **101** | Science | Other wildlife (avian) | Bird Monitoring in the  Mackenzie Delta (Arctic | Environment and Climate  Change Canada (ECCC) – | Jennie Rausch | 2010/2011  2011/2012 |
| **92** | Science | Other mammals (terrestrial) | Inuit, Polar Bears and  Conservation Hunting | University of Alberta (UofA) | Milton  Freeman | 2008/2009 |
| **83** | Science | Fish | Community based coastal  Beaufort Sea monitoring | Department of Fisheries and Oceans (DFO) | Christine Michel | 2008/2009  2009/2010  2010/2011 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **39** | Science | Other mammals (terrestrial) | Wolverine Harvest Monitoring and Population Health, Inuvik Region, NWT | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Marsha Branigan | 2004/2005 |
| **35** | Science | Fish | Beaufort Sea Under Ice  Fish Study | Department of Fisheries and  Oceans (DFO) | Pete Cott | 2004/2005 |
| **22** | Science | 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** | Science | 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 |
| **3** | Science | Other wildlife (avian) | Monitoring and evaluating cumulative impacts of oil & gas development in the Delta using tundra swans  as an indicator species | Environment and Climater Change Canada (ECCC) – Canadian Wildlife Service (CWS) | Jim Hines | 2000/2001,  2002/2003,  2003/2004 |
| **Sahtu Region (21)** | | | | | | |
| **198** | Traditional Knowledge | Water | Sahtu Benígǫdi: Traditional Knowledge of Great Bear Lake and its Watershed | Tsá Tué Biosphere Reserve (TTBR) | Gina Bayha (tsatue.biosp [here@gov.del](mailto:here@gov.del)  ine.ca) | 2018/2019 2019/2020 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **193** | Science | Water | Understanding changes in aquatic ecosystem health and water quality in the Fort Good Hope - Ramparts  area | Environment and Climate Change Canada (ECCC) | Kirsty Gurney (kirsty.gurney @canada.ca) | 2017/2018  2018/2019 2019/2020 |
| **188** | Traditional Knowledge | Caribou | Exploring options for the biocultural monitoring of gode (barren-ground caribou) population and habitat status and trends using traditional knowledge and science | Ayoni Keh Land Corporation (AKLC) | David Codzi (davidcodzi@ behdziahda.c om)  Joseph Kochon (tarzelaw@be hdziahda.com  ) | 2017/2018 |
| **178** | Traditional Knowledge & Science | Multi | Sahtu Regional Environmental Monitoring and Decision Support Tool  Set | Sahtu Renewable Resource Board (SRRB) | Deborah Simmons (director@srr  b.nt.ca) | 2016/2017  2017/2018  2018/2019 |
| **165** | Traditional Knowledge & Science | Caribou | Evaluating diversity and spatial organization of caribou in the Sahtu Region for management and environmental impact  assessment | Sahtu Renewable Resource Board (SRRB) | Deborah Simmons (director@srr b.nt.ca) | 2014/2015  2015/2016 |
| **162** | Science | Caribou, Moose, Other mammals (terrestrial) | Multi-species monitoring using winter track surveys in the Sahtu Settlement Region | GNWT - ENR - Wildlife | James Hodson (james\_hodso n@gov.nt.ca) | 2014/2015  2015/2016  2016/2017 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **160** | Science | Caribou, Moose, Other mammals (terrestrial) | Community-based monitoring of wildlife health phase 2: Stress and pathogens in a changing  landscape | University of Calgary (UofC) | Susan Kutz (skutz@ucalg ary.ca) | 2013/2014  2014/2015  2015/2016 |
| **158** | Traditional Knowledge | Community based monitoring | Dene mapping project repatriation and analysis: Understanding valued places at the intersection of caribou ecology and  harvesting | Sahtu Renewable Resource Board (SRRB) | Deborah Simmons (director@srr b.nt.ca) | 2013/2014  2014/2015  2015/2016 |
| **152** | Science | 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  2016/2017  2017/2018 |
| **130** | Science | Water | Community based water  quality monitoring in Great Bear Lake | Deline Renewable Resources Council (DRRC) | Lorien Nesbitt | 2011/2012 |
| **127** | Science | Fish | Long term monitoring of Great Bear Lake fisheries and the aquatic ecosystem; Combining biological, limnological and paleolimnological data to study past, present and future impacts of climate change on Great Bear Lake ecosystem | Department of Fisheries and Oceans (DFO) | Kim Howland (kim.howland @dfo- mpo.gc.ca) | 2011/2012  2012/2013  2013/2014  2014/2015  2015/2016  2016/2017  2017/2018  2018/2019 2019/2020 |
| **113** | Science | Caribou, moose | Moose and Caribou Health:  Monitoring the Emergence | University of Calgary (UofC) | Alessandro  Massolo | 2010/2011  2011/2012 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | Ecology of the muskox | Government of the Northwest |  |  |
| **87** | Science | Other mammals (terrestrial) | below the treeline in the  Sahtu Settlement Area | Territories (GNWT) -  Environment and Natural | Boyan Tracz | 2008/2009  2009/2010 |
|  |  |  |  | Resources (ENR) |  |  |
|  |  |  | Communities, Caribou and |  |  |  |
| **79** | Traditional Knowledge | Caribou | Climate Change: A Sahtu  Region Traditional Knowledge Research and | Sahtu Renewable Resource Board (SRRB) | Jody Snortland | 2007/2008  2008/2009  2009/2010 |
|  |  |  | Monitoring Program |  |  |  |
| **63** | Science | Water | Bosworth Creek Monitoring Project | Sahtu Renewable Resource Board (SRRB) | Glen Guthrie | 2006/2007  2007/2008  2008/2009  2009/2010 |
| **56** | Science | Caribou, Moose, Other mammals  (terrestrial) | Sahtu-Specific  Development Density Plan | Sahtu Renewable Resource  Board (SRRB) | Ruaraidh  Carthew | 2005/2006 |
|  |  |  | Boreal woodland caribou | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) |  | 2005/2006  2007/2008  2008/2009 |
|  |  |  | response to industrial |  |
| **51** | Science | Caribou | activity in the Summit- | Boyan Tracz |
|  |  |  | Keela area, Sahtu Region, |  |
|  |  |  | NT |  |
| **44** | Science | 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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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **19** | Science | 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** | Science | 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** | Science | Capacity Building | Community based  monitoring of wildlife | Government of the Northwest  Territories (GNWT) - | Alasdair  Veitch | 2002/2003,  2003/2004,  2004/2005 |
| **Wek'eezhii Region (13)** | | | | | | |
| **175** | Science | 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\_bre [kke@gov.nt.c](mailto:kke@gov.nt.c)  a) | 2014/2015  2015/2016  2016/2017 |
| **172** | Science | Caribou | Bathurst caribou resource  selection function updates | Golder Associates Ltd. | Damian  Panayi | 2015/2016 |
| **169** | Traditional Knowledge | Caribou | When do caribou return?: Impacts of wildfires on Tǫdzı and Ɂekwǫ̀ | Wek’èezhìi Renewable Resources Board (WRRB) | Jody Pellissey (jpellissey@w rrb.ca) | 2015/2016  2016/2017  2017/2018 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **159** | Science | Water | Marian watershed community-based aquatic effects monitoring program | Tlicho Government (TG) | Sjoerd VanDerWiele n (sjoerdvander wielen@tlich  o.c om) | 2013/2014  2014/2015  2015/2016 |
| **150** | Science | Caribou | Tlicho community-based monitoring of the Bathurst and Bluenose East caribou | Tlicho Government (TG) | Sean Richardson | 2012/2013  2013/2014 |
| **141** | Science | Caribou | Satellite monitoring for assessing resource development’s impact on Bathurst caribou (SMART); Data and knowledge integration for improved monitoring of cumulative impacts of mining development and climate change on the Bathurst  caribou (DAICI) | Natural Resources Canada (NRCan) | Wenjun Chen (wenjun.chen @nrcan- rncan.gc.ca) | 2012/2013  2013/2014  2014/2015  2015/2016  2016/2017  2017/2018  2018/2019 |
| **133** | Science | 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 |
| **131** | Science | Capacity Building | Capacity building for the  Kwe Beh working group | Tlicho Government (TG) | Laura Duncan | 2011/2012 |
| **120** | Traditional Knowledge  & Science | Water, Fish | Tlicho Aquatic Ecosystem Monitoring Project | Wek’èezhìi Renewable Resources Board (WRRB) | Boyan Tracz | 2011/2012  2012/2013  2013/2014  2014/2015 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **100** | Science | Water | Marian Lake Watershed  Monitoring/Management Program | Tlicho Lands Protection Department | Eddie Erasmus | 2009/2010 |
| **94** | Traditional Knowledge | Caribou | Using Tlicho Knowledge to monitor barren ground caribou | Tlicho Government (TG) | Petter Jacobsen (petterfjacobs [en@gmail.co](mailto:en@gmail.co) m) | 2009/2010  2010/2011  2011/2012  2012/2013  2014/2015  2015/2016  2016/2017  2017/2018  2018/2019 2019/2020 |
| **32** | Science | Capacity Building | Preparation for Implementation of the Tlicho Agreement and CIMP | Dogrib Treaty 11 Council (Tlicho Government) | Zabey Nevitt | 2003/2004 |
| **21** | Science | Capacity Building | Training opportunities for  Dogrib Lands Protection department | Dogrib Treaty 11 Council (Tlicho Government) | Jolene Huskey | 2002/2003 |
| **Multiple Regions (54)** | | | | | | |
| **205** | Science | Caribou | Identifying habitats that influence body condition and fitness of adult female boreal caribou in the southern Northwest Territories | GNWT- South Slave | Allicia Kelly allicia\_kelly@gov.nt.ca | 2019/2020 |
| **202** | Science | Caribou | Boreal caribou habitat selection analysis and mapping to support range planning in the Dehcho, South Slave and North  Slave regions | GNWT - ENR - Wildlife | James Hodson (James\_Hods [on@gov.nt.ca](mailto:on@gov.nt.ca)  ) | 2018/2019 2019/2020 |
| **200** | Science | Water | Changes in Water Within the Mackenzie Delta/Beaufort Region as Indicators of Aquatic Health | Wilfrid Laurier University (WLU) | Philip Marsh (pmarsh@wlu  .ca) | 2018/2019 2019/2020 |
|  |  |  | Genetic stock identification |  | Muhammad |  |
| **196** | Science | Fish | and mixed- stock fishery analysis of Inconnu in  Great Slave Lake | Department of Fisheries and Oceans (DFO) | Janjua (Muhammad.  Janjua@dfo- | 2017/2018 |
|  |  |  |  |  | mpo.gc.ca) |  |
| **187** | Science | Caribou | Multiscale assessment of forest- tundra dynamics on the range of the Bathurst  Caribou herd | Queen's University | Ryan Danby (ryan.danby@ queensu.ca) | 2017/2018  2018/2019 2019/2020 |
| 186 | Science | 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 2017/2018 2018/2019 2019/2020 |
| **182** | Science | Climate | Long-term NWT climate change projections to support mine closure  design | GNWT - ENR - Environment | Brian Sieben (brian\_sieben @gov.nt.ca) | 2016/2017  2017/2018 |
| **181** | Science | Fish | Developing environmental DNA as a tool to monitor fish distributions in the NWT | Department of Fisheries and Oceans (DFO) | Karen Dunmall (Karen.dunmall@dfo-mpo.gc.ca | 2016/2017 2017/2018 2018/2019 |
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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **180** | Science | Water | The impact of fire on diverse aquatic ecosystems of the NWT | University of Alberta (UofA) | Suzanne Tank  (suzanne.tank | 2016/2017 |
|  |  |  |  |  | @ualberta.ca) |  |
|  |  |  | Hydrologic monitoring and |  | Murray |  |
|  |  |  | modelling for improved |  | Richardson |  |
| **179** | Science | Water | streamflow forecasting in | Carleton University | (murray.richa | 2016/2017 |
|  |  |  | the Snare River Basin, NWT |  | rdson@carlet |  |
|  |  |  |  |  | on. ca) |  |
| **177** | Science | Water | The influence of forest fires on metal deposition to lakes and peatlands in the North Slave Region | Environment and Climate Change Canada (ECCC) | John Chetelat  (john.chetelat @canada.ca) | 2016/2017  2017/2018 |
|  |  |  | Assessing Regulators' | University of Saskatchewan (UofS) |  | 2016/2017  2017/2018  2018/2019 |
|  |  |  | Information Needs to make |  |
| **176** | Science | Water | Decisions regarding | Bram Noble |
|  |  |  | Cumulative Effects under |  |
|  |  |  | the MVRMA |  |
| **-** | Science | Caribou, Water, Fish | Inventory of Landscape Change | GNWT - ENR - NWT CIMP | Mike Palmer (mike\_palmer@gov.nt.ca | 2015/2016  2016/2017 |
|  |  |  | Metal levels in large- |  |  |  |
|  |  |  | bodied fishes near |  |  |  |
| **173** | Science | Fish | communities along the Mackenzie River compared | University of Alberta (UofA) | Mark Poesch (poesch@ual | 2015/2016  2016/2017  2017/2018 |
|  |  |  | to impacted and exploited |  | berta.ca) | 2018/2019 |
|  |  |  | lakes near Yellowknife, NT |  |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **170** | Science | 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  2016/2017  2017/2018  2018/2019 |
|  |  |  | Changes in dissolved |  |  |  |
| **167** | Science | Water | organic quality and quantity: Implications for aquatic ecosystems and  drinking water quality for | University of Waterloo (UofW) | Sherry Schiff (sschiff@uwa terloo.ca) | 2014/2015  2015/2016  2016/2017 |
|  |  |  | northern communities |  |  |  |
|  |  |  | Mapping permafrost |  | Steve Kokelj (steve\_kokelj @gov.nt.ca) |  |
|  |  |  | disturbance and impacts to |  |  |
|  |  |  | aquatic systems across the |  | 2014/2015 |
| **164** | Science | Water, Snow, ground ice and  permafrost | northern NWT; Tracking  landscape change and | GNWT - ITI - NTGS | 2015/2016  2016/2017  2017/2018 |
|  |  |  | cumulative environmental |  | 2018/2019 2019/2020 |
|  |  |  | impacts using remote |  |  |
|  |  |  | sensing |  |  |
|  |  |  | A watershed-scale |  | Neil Mochnacz (neil.mochnac z@dfo- mpo.gc.ca) |  |
|  |  |  | sampling protocol for |  |  |
| **155** | Science | Fish | accurate distribution and  trend assessment of | Department of Fisheries and  Oceans (DFO) | 2013/2014  2014/2015  2015/2016 |
|  |  |  | stream salmonids in the |  |  |
|  |  |  | Northwest Territories |  |  |
|  |  |  | CARMA's Cumulative |  |  | 2013/2014  2014/2015  2015/2016  2016/2017 |
|  |  |  | Effects Integrative Model: |  | Don Russell |
| **153** | Science | Caribou | Creating a User- friendly  platform to simplify CE | Circumarctic Rangifer  Monitoring and Assessment | (drussell@yuk  oncollege.yk. |
|  |  |  | analysis for Barren-ground |  | ca) |
|  |  |  | caribou |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | Visual analysis of |  |  |  |
|  |  |  | predictors for increased | Government of the Northwest |  |  |
| **148** | Science | Fish | mercury levels in predatory | Territories (GNWT) - Health | Kami Kandola | 2012/2013 |
|  |  |  | fish in NWT lakes | and Social Services (HSS) |  |  |
|  |  |  | Succession and |  |  |  |
| **146** | Science | Caribou, vegetation | regeneration response on seismic lines with respect | GNWT - ENR - Forestry | Lisa Smith (lisa\_smith@ | 2012/2013  2013/2014  2014/2015 |
|  |  |  | to ecology, disturbance |  | gov.nt.ca) | 2015/2016 |
|  |  |  | and time |  |  |  |
|  |  |  | Implementing collaborative |  | Jennifer |  |
|  |  |  | cross- NWT water quality |  | Fresque- | 2012/2013 |
| **145** | Science | Water | monitoring to address the needs of water partners, | GNWT - ENR - Waters | Baxter (jennifer\_fres | 2013/2014  2014/2015  2015/2016 |
|  |  |  | focusing on cumulative |  | que- | 2016/2017 |
|  |  |  | impacts and community |  | [baxter@gov.n](mailto:baxter@gov.n) | 2017/2018 |
|  |  |  | concerns |  | t.ca) |  |
|  |  |  | Monitoring Pacific salmon | Department of Fisheries and Oceans (DFO)  Natural Resources Canada (NRCan) | Karen Dunmall (karen.dunma ll@dfo- mpo.gc.ca)  Wenjun Chen (wenjun.chen @nrcan- rncan.gc.ca) | 2012/2013  2013/2014  2014/2015  2015/2016  2012/2013  2013/2014  2014/2015  2015/2016  2016/2017 |
|  |  |  | to understand cumulative |
| **142** | Science | Fish | impacts of climate change |
|  |  |  | in the Arctic |
|  |  |  | Satellite monitoring for |
|  |  |  | assessing resource |
| **141** | Science | Caribou | development’s impact on |
|  |  |  | Bathurst caribou (SMART) |
|  |  |  | Characterization of |  |  |  |
| **137** | Science | Snow, ground ice and permafrost | variability in permafrost  thermal state, Mackenzie | Natural Resources Canada  (NRCan) | Sharon Smith | 2011/2012 |
|  |  |  | corridor NWT |  |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | Integrated ecomonitoring |  |  | 2011/2012  2012/2013  2013/2014  2014/2015  2015/2016  2016/2017  2017/2018  2018/2019 2019/2020 |
|  |  |  | and assessment of |  |  |
|  |  |  | cumulative impacts on |  |  |
|  |  |  | Great Slave Lake fisheries |  |  |
|  |  |  | ecosystems; |  | Xinhua Zhu |
| **132** | Science | Fish, Water | Comprehensive  assessment of biological | Department of Fisheries and  Oceans (DFO) | (xinhua.zhu@  dfo- |
|  |  |  | adaptability of Great Slave |  | mpo.gc.ca) |
|  |  |  | Lake fisheries ecosystem |  |  |
|  |  |  | and anthropogenic and |  |  |
|  |  |  | natural disturbances |  |  |
| **128** | Science | Fish | Impacts of climate change  on contaminants in consumed fish | Department of Fisheries and Oceans (DFO) | Gary Stern | 2011/2012  2012/2013 |
|  |  |  | Integrated vegetation |  | Nancy |  |
| **122** | Science | Vegetation | monitoring protocol | Environment and Climate Change Canada (ECCC) | Kingsbury  (nancy.kingsb ury@canada. | 2011/2012  2016/2017 |
|  |  |  |  |  | ca) |  |
| **119** | Science | 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** | Science | Vegetation | Ecological monitoring in the Northwest Territories:  a collaborative approach | Canadian Forest Service (CFS) | Ruth Errington | 2011/2012 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
|  |  |  | The road to ecosystem |  |  |  |
|  |  |  | redemption: Comparative |  |  |  |
| **116** | Science | Fish | study of degraded and  pristine giant lakes of | Department of Fisheries and  Oceans (DFO) | Ross Tallman | 2011/2012  2012/2013 |
|  |  |  | North America using |  |  |  |
|  |  |  | Ecopath |  |  |  |
| **115** | Science | Water, Capacity Building | Water Monitoring Capacity  Building | Ecology North | Christine  Wenman | 2011/2012 |
| **93** | Science | Vegetation | Fire-lichen dynamics and the influence of climate  change | University of Northern British Columbia (UNBC) | Kathy Lewis | 2008/2009 |
| **86** | Science | Vegetation | Invasive Alien Plants Monitoring Protocols for NWT Communities | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Suzanne Carriere | 2008/2009 |
|  |  |  | Modeling cumulative | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Jan Adamczewski |  |
|  |  |  | impacts on summer range |  |
| **85** | Science | Caribou | of the Bathurst caribou | 2008/2009 |
|  |  |  | herd: a demonstration |  |
|  |  |  | project |  |
|  |  |  | Identification and |  | Melanie VanGerwen- Toyne |  |
|  |  |  | description of spawning |  |  |
| **84** | Science | Fish | and over-wintering  habitats of anadromous | Department of Fisheries and  Oceans (DFO) | 2008/2009  2009/2010 |
|  |  |  | fish species in the |  |  |
|  |  |  | Mackenzie Valley |  |  |
|  |  |  | Watching the Land: |  |  |  |
| **82** | Traditional Knowledge | Capacity Building | Traditional Knowledge and Cumulative Impact  Monitoring Practitioners | Yamozha Kue Society | Raymond Sonfrere | 2007/2008  2008/2009 |
|  |  |  | Workshop |  |  |  |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **80** | Science | 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 |
|  |  |  | Monitoring and | Government of the Northwest |  |  |
| **67** | Science | Caribou | Understanding Movement  and Distribution of | Territories (GNWT) -  Environment and Natural | Bruno Croft | 2007/2008 |
|  |  |  | Bathurst Caribou | Resources (ENR) |  |  |
| **66** | Science | 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** | Science | 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** | Traditional Knowledge & Science | 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 |
|  |  |  | Wolf abundance and | Government of the Northwest |  | 2005/2006 |
| **50** | Science | Caribou, Other mammals (terrestrial) | predation on Bathurst caribou winter range | Territories (GNWT) - Environment and Natural | Dean Cluff | 2006/2007  2011/2012  2012/2013 |
|  |  |  |  | Resources (ENR) |  | 2013/2014 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **49** | Science | 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** | Traditional Knowledge | Caribou | Boreal woodland caribou workshops in North Slave communities | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Dean Cluff | 2005/2006 |
| **47** | Science | Water | Printing of Northern Water Quality Manual – English  and French | Environment and Climate Change Canada (ECCC) | Douglas Halliwell | 2005/2006 |
| **46** | Science | Water | Watercourse Resources  Database Development | Department of Fisheries and  Oceans (DFO) | Laura Rempel | 2005/2006 |
| **45** | Science | Water | Winter Flow Measurements of Streams Crossed by the MacKenzie Valley Winter Road | Department of Fisheries and Oceans (DFO) | David Tyson | 2005/2006 |
| **36** | Science | 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) - Environment and Natural Resources (ENR) | Suzanne Carriere | 2004/2005 |
| **27** | Science | Caribou, Capacity Building | Building Community Capacity for monitoring cumulative impacts for the Bathurst Caribou herd in  the NWT | Government of the Northwest Territories (GNWT) - Environment and Natural Resources (ENR) | Anne Gunn | 2003/2004 |

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| **CIMP#** | **Project Type** | **Valued Component** | **Title** | **Lead Organization** | **Project Lead** | **Project**  **Years** |
| **26** | Science | Vegetation | General Status Ranking of all Vascular Plants in the NWT | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Suzanne Carriere | 2003/2004 |
| **23** | Science | Water | Pan-northern manual for water quality monitoring | Ecological Monitoring and Assessment Network - North  (EMAN) | Leslie Wakelyn | 2002/2003 |
| **12** | Science | Water, Capacity Building | Community capacity building – sampling, analysis & interpretation  course | Indigenous and Northern Affairs Canada (INAC) - Taiga Environmental Laboratory | Kathleen Racher | 2002/2003,  2003/2004,  2004/2005,  2005/2006 |
| **7** | Science | Caribou | Caribou movements | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | - | 2001/2002 |
| **6** | Science | Insects | Insect monitoring and identification | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Mike Gravel | 2001/2002 |
| **5** | Science | Vegetation | Vegetation Monitoring Manual | Government of the Northwest Territories (GNWT) - Environment and Natural  Resources (ENR) | Jennifer Lange | 2001/2002 |