

# IPY 2007-2008

## Full proposals

Full proposals to the IPY international office. Information taken from the IPY home page on the 13<sup>th</sup> of June 2006 (search words: "Countries involved" and "Iceland"). In total there are 62 projects (ID-no and title in English + Icelandic participants).

### A: Projects with confirmed Icelandic participation (42 projects)

- 28 [Climate of the Arctic and its role for Europe/Arctic System Reanalysis](#)  
Héðinn Valdimarsson, Marine Research Institute
- 36 [ARCTIC OCEAN WARMING IN THE PAST](#)  
Jón Eiríksson, University of Iceland
- 37 [The dynamic response of Arctic glaciers to global warming](#)  
Helgi Björnsson, University of Iceland
- 39 [Arctic Palaeoclimate and its EXtremes](#)  
Ólafur Ingólfsson, University of Iceland
- 50 [Permafrost Observatory Project: A Contribution to the Thermal State of Permafrost \(TSP-125\)](#)  
Ólafur Ingólfsson, University of Iceland
- 58 [Change and variability of Arctic Systems Nordaustlandet, Svalbard](#)  
Ólafur Ingólfsson, University of Iceland
- 59 [Terrestrial ecosystems in ARctic and ANTarctic: Effects of UV Light, Liquefying ice, and Ascending temperatures](#)  
Ingibjörg Svala Jónsdóttir
- 62 [IACSI: International Association of Circumpolar Sociocultural Issues](#)  
Helgi Gunnlaugsson, University of Iceland
- 72 [Network for ARctic Climate and Biological DIVersity Studies](#)  
Hilmar Malmquist, Natural History Museum of Kopavogur and Ingibjörg Svala Jónsdóttir
- 76 [Atmospheric Monitoring Network for Antropogenic Pollution in Polar Regions](#)  
Kristín Ólafsdóttir, University of Iceland
- 99 [Ozone layer and UV radiation in a changing climate evaluated during IPY](#)  
Hreinn Hjartarson, Icelandic Meteorological Office
- 118 [The Greenland Ice Sheet – Stability, History and Evolution](#)  
Þorsteinn Þorsteinsson, National Energy Authority

- 120 Northern High Latitude Climate variability during the past 2000 years: implications for human settlement  
Orri Vésteinsson and Áslaug Geirsdóttir, University of Iceland
- 121 Improved numerical weather forecasting and climate simulations by exploitation of in-situ, airborne remote-sensing and satellite data, advanced modelling systems and basic research into polar processes and into polar-global interactions.  
Haraldur Ólafsson, Icelandic Meteorological Office
- 122 ECOSYSTEM WEST GREENLAND  
Hjálmar Vilhjálmsson, Marine Research Institute
- 130 Bipolar Climate Machinery - A study of the interplay of northern and southern polar processes in driving and amplifying global climate as recorded in paleoclimate archives and their significance for the generation of realistic estimates of future climate and sea level development.  
Þorsteinn Sæmundsson, Natural Research Centre of North-western Iceland
- 133 Circumpolar Biodiversity Monitoring Program  
María Victoría Gunnarsdóttir, CAFF and Ingibjörg Svala Jónsdóttir
- 140 Hydrological Impact of Arctic Aerosols  
Árni Snorrason, National Energy Authority
- 155 Ecosystem Studies of Subarctic and Arctic Regions  
Ólafur Ástþórsson, Marine Research Institute
- 157 Community Adaptation and Vulnerability in Arctic Regions  
Níels Einarsson, Stefansson Arctic Institute
- 160 Arctic Change: An Interdisciplinary Dialog Between the Academy, Northern Peoples, and Policy Makers  
Níels Einarsson, Stefansson Arctic Institute
- 169 Network for present and future circumpolar freshwater lake research and data management  
Hilmar Malmquist, Natural History Museum of Kopavogur
- 188 International Tundra Experiment (ITEX): impacts of long-term experimental warming and climate variability on tundra ecosystems  
Borghór Magnússon, Icelandic Institute of Natural History and Ingibjörg Svala Jónsdóttir
- 189 The University of the Arctic: Providing Higher Education and Outreach Programs for the International Polar Year  
Stefansson Arctic Institute, University of Akureyri and Iceland University of Education

- 210 [Global Change - Social Challenges Processes of socio-economic changes in the Circumpolar North, with focus on gender and inter and intra-generational relations.](#)  
Anna Karlsdóttir, University of Iceland
- 214 [Retrospective and Prospective Vegetation Change in the Polar Regions: Back to the Future](#)  
Borgþór Magnússon, Icelandic Institute of Natural History and Ingibjörg Svala Jónsdóttir
- 227 [The Political Economy of Northern Development](#)  
Ívar Jónsson, Bifröst University and Joan Nymand Larsen, Stefansson Arctic Institute and University of Akureyri
- 247 [Bering Sea Sub-Network of Community-Based Environmental Monitoring, Observation and Information Stations](#)  
María Victoría Gunnarsdóttir, CAFF
- 262 [Response of Arctic and Subarctic soils in a changing Earth: dynamic and frontier studies](#)  
Ólafur Arnalds, Agricultural University of Iceland
- 287 [South Greenland Environment Change – Ice, Land and Ocean](#)  
Árný Erla Sveinbjörnsdóttir, University of Iceland
- 303 [Integrated Arctic Social Observation System : for circumpolar socio-environment assesment implementation \(CASEAS # 899\)](#)  
María Victoría Gunnarsdóttir, CAFF
- 305 [Consortium for coordination of Observation and Monitoring of the Arctic for Assessment and Research](#)  
Soffía Guðmundsdóttir, PAME
- 312 [Barents Women/Gender Watch - a network for gender perspectives on socio-economic relations in the North](#)  
Anna Karlsdóttir, University of Iceland
- 318 [TUNU-Programme: MARINE FISHES OF NE GREENLAND – diversity and adaptation](#)  
Snæbjörn Pálsson, University of Iceland
- 356 [A circumpolar study of new contaminants in women of reproductive age; an assessment in human blood, dietary sources and possible associations to pregnancy outcome.](#)  
Kristín Ólafsdóttir, University of Iceland
- 379 [IPY Operational Oceanography for the Arctic Ocean and adjacent seas](#)  
Héðinn Valdimarsson, Marine Research Institute

- 383 [Circum-Arctic Terrestrial Biodiversity Initiative](#)  
 Þóra Ellen Þórhallsdóttir, University of Iceland and Ingibjörg Svala Jónsdóttir
- 388 [ARCTIC PORTAL DEVELOPED BY ARCTIC COUNCIL AND AFFILIATES](#)  
 Ragnar Baldursson, Ministry of Foreign Affairs; Björn Gunnarsson, University of Akureyri; Jón Haukur Ingimundarson, Stefansson Arctic Institute; Ævar Petersen, Icelandic Institute of Natural History; Árne Snorrason, National Energy Authority
- 402 [International School Education on Polar issues](#)  
 Jóhann Guðjónsson, GLOBE Iceland Arctic
- 433 [Pressures and Impacts on the Health and Well-being of Indigenous People of the Arctic: Invitational International Symposium and Symposium Publication](#)  
 Kristín Ólafsdóttir, University of Iceland
- 448 [People and wilderness resources in arctic. Is local subsistence harvest and exclusive wilderness tourism a road to sustainable well-being or a source of conflict](#)  
 Ólafur Nielsen, Icelandic Institute of Natural History
- [Arctic Social Indicators](#)  
 Joan Nymand Larsen, Stefansson Arctic Institute and University of Akureyri

**B: Projects where the Icelandic participation have not been confirmed (20 projects)**

- 145 [Workshop / Conference summarizing the results of the Arctic Monitoring and Assessment Program's Human Health Assessment Group \(AMAP HHAG Research Program \(2002 – 2008\)\).](#)
- 156 [Geomatics for the North - Circumpolar Conference on Basic Geospatial Information for Northern Development](#)
- 167 [Arctic Human Health Initiative](#)
- 179 [Extending IPY Themes to the Undergraduate Earth System Science Education Community](#)
- 197 [The hydrological cycle of the Canadian Polar Regions: processes, parameterization, prediction and change](#)
- 202 [Arctic Freshwater Biodiversity Monitoring and Research Network](#)
- 212 [Arctic Shipping in a Changing North](#)

- 248 Arctic Indigenous Community-based Monitoring and Information Stations Network: Arctic Community-based Research Alliance
- 263 ARCTICSTAT. Socioeconomic database on the Circumpolar Arctic
- 293 Arctic Shelf Tracking and Physics Array
- 299 International summit and working group conference on the development and deployment of energy resources in the arctic including remote and rural villages
- 300 Arctic Biodiversity of Chars – Network for Monitoring and Research (revised)
- 302 Bibliographical activity.
- 317 Flux of sediment-associated chemical elements in rivers draining to the Arctic Ocean
- 332 People and Place in the Far North: The vision of life and community in the circumpolar Arctic.
- 343 Students on Ice - IPY Youth Expeditions to the Arctic and Antarctic
- 353 Glaciers, Climate and Sea Level
- 362 Conservation Status Assessments of Canadian Arctic Flora
- 438 International Polar Year Arctic Nations Exhibition and Activities including Symposia, Seminars, Workshops, Residencies, Documentation and Event Coordination
- 446 Circumpolar Indigenous Youth Conservation Project