Project toekenningen International Polar Year • Nederland Programma - 2006

Project titel	Naam hoofdaanvrager	M/V	Organisatie	Soort project	gebied	Full proposal
IPY.NL thema 1: Veranderingen in de cryosfeer als gevolg van klimaatveranderingen						
Meltwater input, flow and calving of Arctic glaciers [1]	Dr. C.H. Tijm-Reijmer	V	UU-IMAU	AIO + technicus	Arctic	37, 117, 118
Regional modelling of Greenland surface mass balance for key episodes in the past and future [1]	Dr. M.R. van den Broeke	M	UU-IMAU	Postdoc	Arctic	37, 117, 118
Automatic weather stations in interior East Antarctica	Dr. M.R. van den Broeke	M	UU-IMAU	geen personeel	Antarctic	152
Sediment Supply to the Arctic coastal zone	Dr. ir. I. Overeem	V	TUD	AIO	Arctic	90 (including
[1] onderdeel van coordinerende aanvraag "Arctic glaciers, climate and sea level change"	Prof. dr. J. Oerlemans	M	UU-IMAU	coordinerend	Arctic	37, 117, 118
IPY.NL thema 2: Veranderingen in de Zuidelijke en Arctische oceanen door klimaat en menselijk toedoen						
The significance of viruses for polar marine ecosystem functioning (VIRPOL)	Dr. C.P.D. Brussaard	V	NIOZ	AIO	Bipolar	71
Pelagic Archaea in the changing coastal Arctic (PACCA) [2]	Prof. dr. G.J. Herndl	M	NIOZ	Postdoc	Arctic	71
Consequences of climate change for Arctic marine pelagic microbial communities (CAMP) [2]	Dr. A.G.J. Buma	V	RUG-WN	Postdoc	Arctic	71
Dissolved Aluminium and Manganese as Source Tracers for Iron in Polar Oceans [3]	Prof. dr. ir. H.J.W. de Baar	M	NIOZ	AIO	bipolar	35
Physical and Chemical Speciation of Dissolved Fe in the Polar Oceans [3]	Dr. L.J.A. Gerringa	V	NIOZ	AIO	bipolar	35
[2] onderdeel van coordinerende aanvraag "Consequences of climate change for Arctic marine pelagic microbial communities"	Dr. A.G.J. Buma	V	RUG-WN	coordinerend	Arctic	71
[3] onderdeel van coordinerende aanvraag "IPY-NL-GEOTRACES: Netherlands Contribution to an International Study of the Biogeochemical Cycles of Trace Elements and Isotopes in the Arctic and Southern Oceans"	Prof. dr. ir. H.J.W. de Baar	M	NIOZ	coordinerend	bipolar	35
IPY.NL thema 3: Polaire terrestrische en kustzone ecosystemen en global change						
How trait spectra of bryophytes, vascular plants and soil invertebrates interact to control carbon turnover in arctic tundra: mechanisms underlying climate change impacts	Dr. J.H.C. Cornelissen	M	VU-ALW	AIO	Arctic	213
Long-lived evergreen shrubs from polar ecosystems as monitors of present and past climate change:reconstruction of annual polar temperature and Arctic Oscillation phase changes with a new climate multiproxy (wintermark T, 18O and 2H in plant segments) [4]	Prof. dr. J. Rozema	M	VU-ALW	Postdoc+ Technicus	bipolar	59
Geographical and temporal variation in health issues in Arctic breeding birds [5]	Dr. M.J.J.E. Loonen	M	RUG-LE	Postdoc + assistent	Arctic	172
Contrasting breeding investments in a small arctic shorebird: trade-off between breeding effort and fighting disease? [5]	Prof. dr. Th. Piersma	M	NIOZ	Postdoc	Arctic	172
Arctic breeding waterfowl as vectors for avian influenza viruses [5]	Dr. M.R.J. Klaassen	M	NIOO-CL	AIO	Arctic	172
Combining behaviour-based and epidemiological models to identify the role of Arctic breeding migratory birds in the ecology of diseases, notably Avian Influenza [5]	Prof. dr. J.A.P. Heesterbeek	M	UU-DI	Postdoc	Arctic	172
[4] onderdeel van coordinerende aanvraag "Effects of global warming on ecosystem functioning in Polar habitats. The Dutch involvement in the TARANTELLA project"	Dr. A.H.L. Huiskes	M	NIOO-CEME	coordinerend	Bipolar	59
[5] onderdeel van coordinerende aanvraag "BIRDHEALTH Health of Arctic and Antarctic bird populations"	Dr. M.J.J.E. Loonen	M	RUG-LE	coordinerend	Bipolar	172
IPY.NL thema 4: Invloed van menselijke activiteiten op poolgebieden, en invloed van klimaatverandering op mensen						
Green Harbour, Spitsbergen, and the international history of exploitation of the polar areas [6]	Prof. dr. L. Hacquebord	M	RUG-LE	Postdoc+ analist	Bipolar	10
The coal exploitation of the Dutch Spitsbergen Coal Company (NESPICO) in Green Harbour, Spitsbergen, in its national and international context [6]	Prof. dr. L. Hacquebord	M	RUG-LE	AIO	Arctic	10
[6] onderdeel van coordinerende aanvraag "LASHIPA-NL: The exploitation of the natural resources in Polar Regions, 1600-2000"	Prof. dr. L. Hacquebord	M	RUG-LE	coordinerend	Arctic	10

IPY Full proposal´s waaraan project toekenningen bijdragen

Title Activity ID	lead country	No	IPY Planning chart	
Arctic Circum-Polar Coastal Observatory Network (ACCO-Net)	Germany	90	Arctic	land
Environmental baselines, processes, changes and Impacts on people in sub-arctic Sweden and the Nordic Arctic Regions (ENVISNAR)	Sweden	213	Arctic	land
The dynamic response of Arctic glaciers to global warming (GLACIODYN)	Netherlands	37	Arctic	ice
The Greenland Ice Sheet – Stability, History and Evolution	Denmark	118	Arctic	ice
Terrestrial ecosystems in ARctic and ANTarctic: Effects of UV Light, Liquefying ice, and Ascending temperatures (TARANTELLA)	Netherlands	59	bipolar	land
Health of Arctic and Antarctic bird populations (BIRDHEALTH)	Netherlands	172	bipolar	land
Large Scale Historical Industrial Exploitation of Polar Areas (LASHIPA)	Netherlands	10	bipolar	people
International Polar Year GEOTRACES: An international study of the biogeochemical cycles of Trace Elements and Isotopes in the Arctic and Southern Oceans (IPY-GEOTRACES)	Netherlands	35	bipolar	ocean
Polar Aquatic Microbial Ecology (PAME)	Norway	71	bipolar	ocean
International Partnerships in Ice Core Science (IPICS)-International Polar Year Initiative (IPICS-IPY)	USA	117	bipolar	ice
Trans-Antarctic Scientific Traverses Expeditions – Ice Divide of East Antarctica (TASTE-IDEA)	Germany	152	Antarctic	ice