

2008 Antarctic and Arctic Fieldwork during the International Polar Year - The Netherlands

IPY activity	IPY-NL project title	Projectleader + institute	Fieldwork location	Fieldwork Period	Persons on fieldwork	international partners for fieldwork	notes
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2008 Antarctic

Oceanography							
PAME	The significance of viruses for polar marine ecosystem functioning (VIRPOL)	Dr. C.P.D. Brussaard, NIOZ	Cruise Polarstern ANT XXIV/3	2008: 6 February - 17 April (72 days)	Dr. C. Evans + Brussaard?	AWI, Germany	
IPY-Geotraces	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, NIOZ	Cruise Polarstern ANT XXIV/3 (departure port Capetown, South Afrika, fieldwork zero-meridian, supply stop at Neumayer station, fieldwork in Drake Passage, arrival port Punta Arenas (Chili))	2008: 6 February - 17 April (72 days)	19 places NL (of total of 50): De Baar, Gerringa, Brussaard, Laan, Zemmeling, Snoek, Bontes, Boelen, Neven, Van Leeuwe, Slighting, 3 Phd (Dhr. R. Middag, Drs. C.E. Thuróczy drs. M. Klunder - GEOTRACES)+ Dr. C. Evans (VIRPOL) + 4 technician/analist	AWI, Germany	weblog bij VPRO's Noorderlicht (pooljaar.nl) http://www.awi-bremerhaven.de/MET/Polarstern/psobseaddi-info.html

2008 Arctic

Glaciology, meteorology and climatology							
IPICS / The Greenland Ice Sheet	North Eemian ice core project (NEEM)	Roderik vd Wal, UU-IMAU	Greenland, deep drill site in NW Greenland	2008: May - Sept ?	?	Denmark	
Glaciodyn	MELT WATER INPUT, FLOW AND CALVING OF ARCTIC GLACIERS	Dr. C.H. Tjmm-Reijmer, UU-IMAU	glaciers on Greenland (Kangerlussuaq basin, West Greenland), Iceland (Breidamerkurjökull, Vatnajökull), Svalbard (Hansbreen, SW Svalbard en Nordenskiöldbreen)	2008 - Spring	Drs. M.A.G. den Ouden (PhD student) + technician (Greenland, Iceland)	Iceland: (University of Iceland, Reykjavik) Svalbard: Poland (University of Silesia, Katowice), Sweden (University of Uppsala)	automatic weather stations, servicing GPS units and data retrieval
ACCONET	Sediment Supply to the Arctic coastal zone	Dr. ir. I. Overeem, TU Delft	Baffin Island	2008 summer (1 month)	Overeem, PhD, 2 undergrad. students		relatively easy accessible from nearby airports and have resources available, the NSF sponsored field base and some support of the Inuit community in Clyde River on Baffin Island. Snowmobiles and boats are available.
NORCLIM	Northern High Latitude Climate variability during the past 2000 years: implications for human settlement.	Dr. S.R. Troelstra, VU-FALW	Newfoundland, West and East Greenland, Spitsbergen (Newfoundland- Z. Groenland- IJsland- Spitsbergen- Noorwegen transect)	2008 ?	?		http://apex.geo.su.se/
Oceanography							
PAME	The significance of viruses for polar marine ecosystem functioning (VIRPOL)	Dr. C.P.D. Brussaard, NIOZ	Cruise to the Arctic (PAME-Canada)	2008 May-Oct	Dr. C. Evans + technician	Canada	
PAME	Pelagic Archaea in the changing coastal Arctic (PACCA)	Prof. dr. G.J. Herndl, NIOZ	NyÅlesund, Spitsbergen	2008 spring (April-May) (1 month)	Gerhard J. Herndl, Eva Sintes (Post Doc), Arjan Smit (2008: or Santiago Gonzalez)	Germany-AWI	
PAME	Consequences of climate change for Arctic marine pelagic microbial communities (CAMP)	Dr. A.G.J. Buma, RUG	Kongsfjorden (Ny Aalesund, Spitsbergen) - new (2005) Koldewey Laboratory	2008 (spring-summer)	Postdoc (tba) + technisch analist Ronald J.W. Visser + doctoraalstudent	Germany, Sweden	

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Ecology							
ENVISNAR	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, Dr. M.P. Berg, VU-FALW	Abisko Research Station (ANS), North Sweden	2008: 2 annual trips in (100 days in field)	PhD (tba) +?	Sweden	facilitated by Swedish (Abisko) contribution to ENVISNAR, linked to the nationally funded Swedish Polar Expedition, which will provide extensive logistic support (helicopters, boats, etc.) to access multiple remote sites
Tarantella	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	Prof. dr. J. Rozema, VU-FALW	Svalbard (Longyearbyen en Ny Alesund) and Northern Scandinavia (Abisko), Falklands	2008 summer-winter	Rozema + Postdoc (tba), + 3 MSc	Canada, Tromso University, University Center on Svalbard, UNIS	
BIRDHEALTH	Geographical and temporal variation in health issues in Arctic breeding birds	Dr. M.J.J.E. Loonen, RUG-AC	Ny-Alesund (Spitsbergen)	2008 June-August (two months)	Postdoc (tba), assistant, student, 10 students to various field sites for sampling		www.poolstation.nl
BIRDHEALTH	Contrasting breeding investments in a small arctic shorebird: trade-off between breeding effort and fighting disease?	Prof. dr. Th. Piersma, NIOZ	Greenland (Zackenbergl, northeast Greenland)	2008 May-July	Drs. J.W.H. Reneerkens		
BIRDHEALTH	ARCTIC BREEDING WATERFOWL AS VECTORS FOR AVIAN INFLUENZA VIRUSES	Prof. dr. M.R.J. Klaassen, NIOO Dr. R.A.M. Fouchier, ErasmusMC	Arctic breeding grounds?(not defined yet)	2008 win, spr, sum, aut	PhD (tba) + ?		
Human and Social Science							
LASHIPA	Green Harbour, Spitsbergen, and the international history of exploitation of the polar areas	Prof. dr. L. Hacquebord, RUG-AC	Green Harbour, Spitsbergen	2008 Jun-Aug	Postdoc (tba) + assistant	Sweden	