

2007 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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2007 non-Arctic/Antarctic

Oceanography							
IPY-Geotraces	GEOTRACES Testcruise with RV Pelagia	Timmermans, NIOZ	Cruise (RV Pelagia) from Texel (NL) to Portugal	2007, 12-30 April, 7 days reserach + 3 transit +2 harbour	Timmermans, Gerringa, Brussaard, Laan, Bontes, Boelen, Neven, Ober, + 4 PhD's (Dhr. R. Middag, Drs. C.E. Thuróczy + M.Klunder)		weblog bij VPRO's Noorderlicht (pooljaar.nl): ijzer gezocht

2007 Antarctic

Glaciology, meteorology and climatology							
Taste-Idea	Automatic weather stations in interior East Antarctica	Dr. M.R. van den Broeke, UU-IMAU	Kohnen station and Norway-US part of Antarctica Traverse (from Norwegian Troll station to Amundsen-Scott South Pole station, via the former Plateau station and the pole of inaccessibility).	Late 2006, early 2007: Installing prototype low temperature AWS at Kohnen (test) Late 2007: Provide final AWS to traverse contact Late 2007, early 2008: AWS installed in Antarctica during traverse	fieldwork only by foreign partners?	US, Norway	automatic weather stations to be installed at the site of former Plateau station and on the interior slope of west Dronning Maud Land. AWS will be left unattended for a period of 3-5 years, relaying their data to Utrecht through the ARGOS system.
Oceanography							
PAME	The significance of viruses for polar marine ecosystem functioning (VIRPOL)	Dr. C.P.D. Brussaard, NIOZ	Cruise SAZ-SENSE (Aurora Australis) - Antarctic Polar Zone: Subantarctic Zone & Polar Front Zone south of Australia	2007: 13 Jan- 23 Feb	Dr. C. Evans + Brussaard	Australia	weblog bij VPRO's Noorderlicht (pooljaar.nl): vissen op virussen
		Frits Steenhuisen, RuG AC	Antarctisch Schierland, South Georgia	2007 10 Feb - 10 Mrt	Frits Steenhuisen	?	Milieu/tourisme
Ecology							
ICED-IPY ?	(Nederlands Polair Programma)	Jan Andries van Franeker, IMARES	cruise Polarstern Southern Ocean	End of Nov 2007 - Early Feb 2008	Jan Andries van Franeker, IMARES + 4 others		weblog bij VPRO's Noorderlicht (pooljaar.nl)

2007 Arctic

Glaciology, meteorology and climatology							
IPICS / The Greenland Ice Sheet - Stability, History and Evolution	North Eemian ice core project (NEEM)	Dr. R.S.W. van de Wal, UU-IMAU	Greenland, deep drill site in NW Greenland		Roderik vd Wal, UU-IMAU ?	Denmark	
	Long term on-site isotope diffusion experiment (Nederlands Polair Programma)	Harro Meijer, RuG-CIO	Greenland , US camp Summit	2007: Aug (10 days)	Harro Meijer, RuG-CIO + PhD (RuG) + IMAU?		weblog bij VPRO's Noorderlicht (pooljaar.nl): boren naar ijs
	Snow and ice albedo in mass balance and atmospheric circulation models / Summit Radiation Experiment 2007	C.H. Tijm-Reijmer and J. Oerlemans, UU-IMAU	Greenland, highest point ice sheet, US station summit	1 June - 15 July	Peter Kuipers Munneke (PhD UU-IMAU), Wim Boot (tecnician IMAU), Wouter Knap (KNMI)		weblog bij VPRO's Noorderlicht (pooljaar.nl): sneeuwvlokken graven

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Glaciodyn	MELTWATER INPUT, FLOW AND CALVING OF ARCTIC GLACIERS	Dr. C.H. Tijm-Reijmer, UU-IMAU	glaciers on Greenland (Kangerlussuaq basin, West Greenland), Iceland (Breidamerkurjökull, Vatnajökull), Svalbard (Hansbreen, SW Svalbard en Nordenskiöldbreen)	2007: 18-29 March - Svalbard 2007: Aug - Greenland	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)	weblog bij VPRO's Noorderlicht (pooljaar.nl): GPS en glijdende gletsjers
	Mass balance and fresh water contribution of the Greenland ice sheet: a combined modelling and observational approach. (NWO Rapid Climate Change)	Dr. M.R. van den Broeke	Greenland	August	Janneke Ettema (PhD UU-IMAU)		weblog bij VPRO's Noorderlicht (pooljaar.nl): vliegen boven weerstations
ACCONET	Sediment Supply to the Arctic coastal zone	Dr. ir. I. Overeem, TU Delft	West-Greenland, Kangerlussuaq	2007: last week July - third week Aug	Overeem, PhD, 2 undergrad. students		weblog bij VPRO's Noorderlicht (pooljaar.nl): klimaatgevoelige rivieren relatively easy accessible from nearby airports and have resources available, namely at the KISS station in Kangerlussuaq on West Greenland 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	rondje Newfoundland, Greenland, Spitsbergen (Newfoundland- Z. Groenland-Spitsbergen-Noorwegen transect)	2007 end of Aug/early Sept (1 week): Newfoundland, cruise with NIOZ vessel Pelagia 2007: end of summer (1 week): Greenland	Troelstra	Denmark, +..	weblog bij VPRO's Noorderlicht (pooljaar.nl)
	in het spoor van Willem Barendsz	Frank Gooters, KNMI	Nova Zembla (with Russian vessel to Nova Zembla)	End of August	Frank Gooters + cameraman?		weblog bij VPRO's Noorderlicht (pooljaar.nl): in het spoor van Willem Barendsz
Oceanography							
PAME	The significance of viruses for polar marine ecosystem functioning (VIRPOL)	Dr. C.P.D. Brussaard, NIOZ	Spitsbergen	2007: June-Nov	Dr. C. Evans+ technician		weblog bij VPRO's Noorderlicht (pooljaar.nl) ?
PAME	Pelagic Archaea in the changing coastal Arctic (PACCA)	Prof. dr. G.J. Herndl, NIOZ	NyÅlesund, Spitsbergen	2007 June (1 month), 2007 October (1 month)	Gerhard J. Herndl, Eva Sintes (Post Doc), Arjan Smit (2008: or Santiago Gonzalez)	Germany-AWI	<i>geen weblog</i>
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	2007: mid May - eind of June (6 weeks)	Postdoc (Willem vd Poll) + technisch analist Ronald J.W. Visser + doctoraalstudent	Germany, Sweden	weblog bij VPRO's Noorderlicht (pooljaar.nl): gletsjermelk en microben
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 Dr. L.J.A. Gerringa	Cruise to Arctic Ocean - Polarstern cruise ARK XXII/2	2007: 28 Juli - 10 October (75 days) Departure Tromso, Norway, fieldwork Siberian shelf and central Arctic, arrival Bremerhaven, Germany (Bremerhaven 25 May)	7 places NL (of total of 50): Laan, 3 Phd (Dhr. R. Middag, Drs. C.E. Thuróczy + M. Klunder), 1 analist + 2 technicians	AWI, Germany	weblog bij VPRO's Noorderlicht (pooljaar.nl): ijzer gezocht http://www.asci-ipy.de/space07.html

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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	2007 - 8 July - Sept (2 months) + (Lapland prijsvraag 2e week juli)	PhD (Eva ?) + Charlotte v 't Klooster (voorlichting VU), Hans Cornelissen	Sweden	weblog bij VPRO's Noorderlicht (pooljaar.nl) 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	2007 spring-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-Ålesund (Spitsbergen)	2007 24 June- 15 August (two months)	Postdoc (tba), assistant, student, 10 students to various field sites for sampling + Maarten Loonen + Thijs Tinbergen (filmer)		weblog bij VPRO's Noorderlicht (pooljaar.nl): de tol van ziekte voor vogels www.poolstation.nl Musch&Tinbergen filmer mee naar poolstation
BIRDHEALTH	Contrasting breeding investments in a small arctic shorebird: trade-off between breeding effort and fighting disease?	Prof. dr. Th. Piersma, NIOZ	Greenland (Zackenber, northeast Greenland)	2007: 29 May- 7 Aug (stay for 2,5 mnd)	Drs. J.W.H. Reneerkens (RuG) Ingrid Tulp (IMARES), Hans Schekkerman (NIOO)		weblog bij VPRO's Noorderlicht (pooljaar.nl) www.zackenber.dk Dijksterhuis (journalist/filmer) mee
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)	2007 win, spr, sum, aut	PhD (ms B Hoye) + ?		
BIRDHEALTH		Bart Ebginge, ALTERRA	Siberie	20 June - 20 July	tba		weblog bij VPRO's Noorderlicht (pooljaar.nl): lemmingen en broedende vogels
BIRDHEALTH		Maarten Loonen	along river Petsjora, coast of Nova Zembla	mid June - end of July	Maarten Loonen, Rudy Drent, Henk vd Jeugd		weblog bij VPRO's Noorderlicht (pooljaar.nl)
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	2007 Aug (whole month)	Postdoc (tba) + assistant + Hacquebord	Sweden	weblog bij VPRO's Noorderlicht (pooljaar.nl)
NORMA	Northern Material Culture	Cunera Buijs	Lapland, Greenland, Siberie	6-16 Mrt: Lapland 2-23 April: Greenland early May (2 weeks): Siberie	Cunera Buijs, Herman Boer, Museum Volkenkunde		weblog bij VPRO's Noorderlicht (pooljaar.nl): op visite bij de poolvolkeren filmen voor museum tentoonstelling RMV leiden vanaf okt 2007