

2009 & 2010 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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2009 Arctic

Glaciology, meteorology and climatology

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)	2009 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.
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ACCONET	Sediment Supply to the Arctic coastal zone	Dr. ir. I. Overeem, TU Delft	West-Greenland, Kangerlussuaq Baffin Island	2009: spring (1 month) McBeth seismic fieldwork,	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.
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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	2009 - 2 annual trips in (100 days in field per year)	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
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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	2009 spring-summer	Rozema + Postdoc (tba), + 3 MSc	Canada, Tromso University, University Center on Svalbard, UNIS	
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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)	2009 May-July:(stay for 2,5 mnd)	Drs. J.W.H. Reneerkens		
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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)	2009 winter, spring, summer	PhD (tba) + ?		
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2010 Arctic

Glaciology, meteorology and climatology

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)	2010: 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.
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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	2010: 2 annual trips in (75 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
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