

MEMBER COUNTRY: Finland

National Report to SCAR for year: 2012-2103

Activity	Contact Name	Address	Telephone	Fax	Email	web site
National SCAR Committee						
SCAR Delegates						
1) Delegate	Prof. Markku Poutanen	Finnish Geodetic Institute, Geodeetinrinne 2, FIN-02430 Masala, FINLAND	+358-9-29555216		Markku.Poutanen@fgi.fi	http://www.fgi.fi
2) Alternate Delegate	Prof. Kari Strand	University of Oulu, PO Box 7300, FI-90014 Oulu	+358 8 5533556	+358 8 5533564	kari.strand@oulu.fi	http://thule.oulu.fi/englanti/index.html
Standing Scientific Groups						
Life Sciences						
1)	Dr Harri Kuosa	University of Helsinki, Tvärminne Zoological Station J.A. Palménin tie 260 FI - 10900 Hanko	+358 (0)19 280176		harri.kuosa@helsinki.fi	http://luoto.tvärminne.helsinki.fi/
2)	Dr Janne-Markus Rintala	University of Helsinki	+358-505413745		janne.rintala@helsinki.fi	https://tuhat.halvi.helsinki.fi/portal/en/persons/jannemarkus-rintala(2b3bbb8d-ec47-41dc-9883-e2163fe4ae98).html
3)	Prof Jorma Kuparinen	Department of Biological and Environmental Sciences, P.O. Box 56, FI-00014 University of Helsinki	+358-9-191 57820		jorma.kuparinen@helsinki.fi	http://luoto.tvärminne.helsinki.fi/
4)						
Geosciences						
1)	Prof. Kari Strand	University of Oulu, PO Box 7300, FI-90014 Oulu	+358 8 5533556	+358 8 5533564	kari.strand@oulu.fi	http://thule.oulu.fi/englanti/index.html
2)	Dr Jaakko Mäkinen	Finnish Geodetic Institute, Geodeetinrinne 2, PO Box 15, FIN- 02431 Masala	+358-9-29555317	+358-9-29555211	jaakko.makinen@fgi.fi	www.fgi.fi
3)						
4)						
Physical Sciences						
1)	Dr Yrjö Viisanen	Finnish Meteorological Institute, PO Box 503, FIN-00101 Helsinki			yrjo.viisanen@fmi.fi	www.fmi.fi
2)	Prof. Matti Leppäranta	University of Helsinki, Division of Geophysics, P O Box 64, FIN- 00014 University of Helsinki	358(0)919151016	358-9-19148802	matti.lepparanta@helsinki.fi	http://www.helsinki.fi/netice/members/lepparanta.htm
3)						
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
Scientific Research Program						
ACE 1) 2) 3) 4)	Prof. Kari Strand	University of Oulu, PO Box 7300, FI-90014 Oulu	+358 8 5533556	+358 8 5533564	kari.strand@oulu.fi	http://thule.oulu.fi/englanti/index.html
AGCS 1) 2) 3) 4)						
EBA 1) 2) 3) 4)						
1) 2) 3) 4)						
SALE 1) 2) 3) 4)						
AAA (2010-) 1) 2) 3) 4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
ACTION GROUPS						
1) 2) 3) 4) insert others as needed						
EXPERT GROUPS						
1) Geodetic Infrastructure of A 2) ICESTAR 3) 4) insert others as needed	Prof. Markku Poutanen	Finnish Geodetic Institute, Geodeetinrinne 2, FIN-02430 Masala, FINLAND	+358-9-29555216		Markku.Poutanen@fgi.fi	http://www.fgi.fi/ - GIANT: http://www.scar.org/researchgroups/geoscience/giant/
	Dr. Kirsti Kauristie	Finnish Meteorological Institute, PO Box 503, FI-00101 Helsinki	+358 9 1929 4637		kirsti.Kauristie@fmi.fi	www.fmi.fi
SCADM						
1) 2)	Arto Vitikka	Arctic Centre, Univ. of Lapland. P.O. Box 122 FI-96101, Rovaniemi, Finland	+358-40-5272436		arto.vitikka@ulapland.fi	www.arcticcentre.org
SCAGI						
1) 2)	Dr Jaakko Mäkinen	Finnish Geodetic Institute, Geodeetinrinne 2, PO Box 15, FIN- 02431 Masala	+358-9-29555317	+358-9-29555211	jaakko.makinen@fgi.fi	www.fgi.fi
NATIONAL ANTARCTIC DATA CENTRE						
In Finland there is no central national data centre for Antarctic data. The data is safeguarded at the research institutes and universities which are doing research, like Finnish Meteorological Institute and Geological Survey.						
SCAR DATABASE						
insert name of database for which your country has responsibility						

A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS*:

GENERAL

The main source of Antarctic research funding in Finland is the Ministry of Education. This funding is distributed by the Academy of Finland. New funding period for the years 2013-2016 just started and 2013/2014 season will be the first field season for the period.

The Finnish Antarctic research program for the period 2013-2016

The Academy of Finland's Research Council for Natural Sciences and Engineering is funding Antarctic research with a total of EUR 2.5 million.

Funded projects

Atmospheric Composition and Processes relevant to climate change in Antarctica (ACPANT)

Contact: Kerminen, Veli-Matti, University of Helsinki

Variation of Antarctic sea ice thickness and its effect on the load level of ice navigating

Contact: Kujala, Pentti, Aalto University

Variation of Antarctic sea ice thickness and its effect on the load level of ice navigating

Contact: Lensu, Mikko, Finnish Meteorological Institute

Cosmic Rays in Polar Atmosphere (CRIPA)

Contact: Usoskin, Ilya Germanovitch, University of Oulu

Antarctic Meteorology and its Interaction with the Cryosphere and Ocean (AMICO)

Contact: Vihma, Timo, Finnish Meteorological Institute

Atmospheric Composition and Processes relevant to climate change in Antarctica (ACPANT)

Contact: Virkkula, Aki, Finnish Meteorological Institute

Finnish research activities in the Antarctica during period 2009-2012.

Aerosols and snow at the Antarctic coast and continental glacier - Aerosolit ja lumi Etelämantereen rannikolla ja mannerjäätiköllä.

Contact: Finnish Meteorological Institute, Professor Risto Hillamo

Aerosols and snow at the Antarctic coast and plateau - Antartican rannikon ja ylätasangon aerosolit ja lumi.

Contact: University of Helsinki, Professor Markku Kulmala

The changing atmosphere at the Antarctica - Etelämantereen muuttuva ilmakehä: Tutkimustyökaluina radioluotaukset, satelliittimittaukset ja ilmakehämallitus. Bi-polaarinen lähestymistapa.

Contact: Finnish Meteorological Institute, Professor Esko Kyrö

Evolution of snow cover and dynamics of atmospheric deposits in the snow in the Antarctica

Contact: University of Helsinki, Professor Matti Leppäranta

FINNARP 2009 expedition, December 2009 - January 2010

Field investigations were made on the snow mass balance, snow structure and properties, and solar radiation transfer into snow pack.

Dynamical evolution of Scharffenbergbotnen blue ice area since the Late Glacial Maximum.

Contact: University of Lapland/Arctic Centre, Professor John Moore

Stable boundary layer - Antarktiksens rajakerros.

Contact: University of Helsinki, Professor Hannu Savijärvi

Cenozoic East Antarctic Ice Sheet History from Wilkes Land Sediments, IODP Expedition 318 - IODP Excursion 322

Contact: University of Oulu, Professor Kari Strand