

MEMBER COUNTRY:

Switzerland

National Report to SCAR for year:

2008/09

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<b>Standing Scientific Groups</b>						
<b>Life Sciences</b>						
1)						
2)						
3)						
4)						
<b>Geosciences</b>						
1)						
2)						
3)						
4)						
<b>Physical Sciences</b>						
1)						
2)						
3)						
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
<b>Scientific Research Program</b>						
<b>ACE</b> 1) 2) 3) 4)						
<b>AGCS</b> 1) 2) 3) 4)						
<b>EBA</b> 1) 2) 3) 4)						
<b>ICESTAR</b> 1) 2) 3) 4)						
<b>SALE</b> 1) 2) 3) 4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
<b>ACTION GROUPS</b>						
1) 2) 3) 4) insert others as needed						
<b>EXPERT GROUPS</b>						
1) 2) 3) 4) insert others as needed						
<b>JCADM</b>						
1) 2)						
<b>NATIONAL ANTARCTIC DATA CENTRE</b>						
<b>SCAR DATABASE</b>						
insert name of database for which your country has responsibility						

**A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS:**

A New Method for High-Resolution Methane Measurements on Polar Ice Cores Using Continuous Flow Analysis, Univ. Bern (Env. Sci. Technol. 43, 5371 (2009)

Change in CO<sub>2</sub> concentration and O-2/N-2 ratio in ice cores due to molecular diffusion, Univ. Bern, Geophys. Res. Lett, 36, L05703, 2009

, Univ. Bern, Env. Sci. technol. 42, 8039, 2008

Surface exposure ages imply

multiple low-amplitude

Pleistocene variations in East

Antarctic Ice Sheet, Ricker Hills,

Victoria Land, ETH Zurich, Ant. Sci. 21, 59, 2009

Multiple cosmogenic nuclides document complex Pleistocene exposure history of glacial drifts in Terra Nova Bay (northern Victoria Land, Antarctica), Univ. Bern & ETH Zurich, Quat Res 71, 83, 2009

Mathematical modeling and numerical simulation of polythermal glaciers, ETH Zurich, J Geophys. Res. 114, F01027, 2009