

MEMBER COUNTRY:

Switzerland

National Report to SCAR for year:

2007/08

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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>						
ACE 1) 2) 3) 4)						
AGCS 1) 2) 3) 4)						
EBA 1) 2) 3) 4)						
ICESTAR 1) 2) 3) 4)						
SALE 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:**

The extent of the East Antarctic Icesheet in the pleistocene in Northern Victoria land has been constrained by cosmogenic nuclide dating in a collaboration between ETH Zürich, the University of Bern and the university of Pisa: Strasky et al., Antarctic Science, doi:10.1017/S0954102008001478; DiNicola et al., Quaternary Research doi:10.1016/j.yqres.2008.07.004

The University of Bern and LGGE Grenoble have published the reconstruction greenhouse gases measured on air trapped in an Antarctic ice core. The records now go back to 800,000 years before present and represent another important achievement in the European Project for Ice Coring in Antarctica (EPICA). This work made the front page in Nature (15.5.2008) and was featured worldwide (Lüthi D. et al., 2008, Nature 453, 379).

The University of Bern has participated in the first field season of the international deep drilling project in Greenland NEEM from June to August 2008. A comprehensive firn air sampling program was performed.