

MEMBER COUNTRY: Japan
National Report to SCAR for year: 2007-08, revised

Activity	Contact Name	Address	Telephone	Fax	Email	web site
National SCAR Committee						
	Takashi Yamanouchi	Science Council of Japan (National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan)	81-3-3962-4742	81-3-3962-5704	yamanou@nipr.ac.jp	
SCAR Delegates						
1) Delegate	Takashi Yamanouchi	Science Council of Japan (National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan)	81-3-3962-4742	81-3-3962-5704	yamanou@nipr.ac.jp	
2) Alternate Delegate	Satoshi Imura	Science Council of Japan (National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan)	81-3-3962-4369	81-3-3962-5743	imura@nipr.ac.jp	
Standing Scientific Groups						
Life Sciences						
1)	Mitsuo Fukuchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4764	81-3-3962-5743	fukuchi@nipr.ac.jp	
2)	Giichiro Ohno	Yoyogi Hospital, 1-30-7 Sendagi, Shibuya-ku, Tokyo 151-8556, Japan	81-3-3404-7661	81-3-3404-7456	oonog@mb.infoweb.ne.jp	
3)	Satoshi Imura	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4639	81-3-3962-5743	imura@nipr.ac.jp	
4)						
Geosciences						
1)	Kazuo Shibuya	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4695	81-3-3962-5741	shibuya@nipr.ac.jp	
2)	Kazuyuki Shiraishi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-5874	81-3-3962-1525	k.shiraishi@nipr.ac.jp	
3)	Masanori Koide	Geographical Survey Institute, Tsukuba, Ibaragi 305-0811, Japan	81-29-864-4672	81-29-864-8087	intex@gsi.go.jp	
4)						
Physical Sciences						

1)	Natsuo Sato	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4722	81-3-3962-4759	nsato@nipr.ac.jp	
2)	Takashi Yamanouchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4742	81-3-3962-5704	yamanou@nipr.ac.jp	
3)	Yoshiyuki Fujii	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-0150	81-3-3962-4759	fujii@nipr.ac.jp	
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
Scientific Research Program						
ACE						
1)	Kumiko Azuma	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-3257	81-3-3962-5719	kumiko@nipr.ac.jp	
2)	Hideaki Miura	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-8095	81-3-3962-5741	miura@nipr.ac.jp	
3)						
4)						
AGCS						
1)	Shigeru Aoki	Institute of Low Temperature Science, Hokkaido University, Kita-ku, Sapporo 060-0819, Japan	81-11-706-7473	81-11-706-7142	shigeru@lowtem.hokudai.ac.jp	
2)	Gen Hashida	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4806	81-3-3962-5719	gen@nipr.ac.jp	
3) ITASE	Fumihiko Nishio	Center for Environmental Remote Sensing, Chiba University, Inage-ku, Chiba 263-8522, Japan	81-43-290-3836	81-43-290-5857	fnishio@faculty.chiba-u.jp	
4) ASPeCT	Shuki Ushio	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-5720	81-3-3962-5701	ushio@nipr.ac.jp	
5) READER	Takashi Yamanouchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4742	81-3-3962-5704	yamanou@nipr.ac.jp	
EBA						
1)	Takeshi Naganuma	Hiroshima University, Higashi-Hiroshima-shi, Hiroshima 739-8528, Japan	81-82-424-7986	81-82-424-7916	takn@hiroshima-u.ac.jp	
2)	Satoshi Imura	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4639	81-3-3962-5743	imura@nipr.ac.jp	
3)						
4)						
ICESTAR						
1)	Natsuo Sato	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4722	81-3-3962-4759	nsato@nipr.ac.jp	
2)	Akira Kadokura	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-6482	81-3-3962-6482	kadokura@nipr.ac.jp	

3)						
4)						
	SALE					
1)	Satoshi Imura	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4639	81-3-3962-5743	imura@nipr.ac.jp	
2)	Takeshi Naganuma	Hiroshima University, Higashi-Hiroshima-shi, Hiroshima 739-8528, Japan	81-82-424-7986	81-82-424-7916	takn@hiroshima-u.ac.jp	
3)						
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
ACTION GROUPS						
1) Acoustics	Yoshifumi Nogi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-8095	81-3-3962-5741	nogi@nipr.ac.jp	
2) SIGE	Yoichi Motoyoshi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4791	81-3-3962-1525	motoyoshi@nipr.ac.jp	
3) CPR	Mitsuo Fukuchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4764	81-3-3962-5743	fukuchi@nipr.ac.jp	
4) CAML	Mitsuo Fukuchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4764	81-3-3962-5743	fukuchi@nipr.ac.jp	
5) MarBIN	Mitsuo Fukuchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4764	81-3-3962-5743	fukuchi@nipr.ac.jp	
EXPERT GROUPS						
1) GIANT	Kazuo Shibuya	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4695	81-3-3962-5741	shibuya@nipr.ac.jp	
2) IBSCO	Yoshifumi Nogi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-8095	81-3-3962-5741	nogi@nipr.ac.jp	
3) ADMAP	Yoshifumi Nogi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-8095	81-3-3962-5741	nogi@nipr.ac.jp	
4) ANTEC	Hideki Miura	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-8095	81-3-3962-5741	miura@nipr.ac.jp	
5) BIRDS	Akinori Takahashi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4764	81-3-3962-5743	atak@nipr.ac.jp	
6) SEALS	Yasuhiko Naito	Bio-Logging Institute, 2-31-10-301 Yushima, Bunkyo-ku, Tokyo 113-0034, Japan	81-3-3818-2989	81-3-3819-2989	bis@sturn.dti.ne.jp	
	Akinori Takahashi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4764	81-3-3962-5743	atak@nipr.ac.jp	
7) HB&M	Giichiro Ohno	Yoyogi Hospital, 1-30-7 Sendagi, Shibuya-ku, Tokyo 151-8556, Japan	81-3-3404-7661	81-3-3404-7456	oonog@mb.infoweb.ne.jp	

8) ISMASS	Shuhei Takahashi	Kitami Institute of Technology, Kouen-cho, Kitami 090-8507, Japan	81-157-26-9494	81-157-25-8772	shuhei@mail.kitami-it.ac.jp	
9) OCEAN	Shigeru Aoki	Institute of Low Temperature Science, Hokkaido University, Kita-ku, Sapporo 069-0819, Japan	81-11-706-7473	81-11-706-7142	shigeru@lowtem.hokidai.ac.jp	
10) DRILL insert others as needed	Hideaki Motoyama	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-5517	81-3-3962-5719	motoyama@pmg.nipr.ac.jp	
SC-AGI	Kazuo Shibuya	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4695	81-3-3962-5741	shibuya@nipr.ac.jp	
	Koichiro Doi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4724	81-3-3962-5741	doi@nipr.ac.jp	
JCADM						
1)	Takashi Yamanouchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4742	81-3-3962-5704	yamanou@nipr.ac.jp	
2)	Masaki Kanao	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4789	81-3-3962-5741	kanao@nipr.ac.jp	
NATIONAL ANTARCTIC DATA CENTRE						
Polar Data Center, National Institute of Polar Research	Takashi Yamanouchi	National Institute of Polar Research, Itabashi-ku, Tokyo 173-8515, Japan	81-3-3962-4742	81-3-3962-5704	yamanou@nipr.ac.jp	
SCAR DATABASE						
insert name of database for which your country has responsibility						

A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS:

Selected Highlights of the Japanese Antarctic Research Expedition, 2007-08

JARE 48 Winter

1. A study of the Antarctic ozone hole mechanism using FTIRs and ozone sondes at Syowa Station

(Hideaki Nakajima: nakajima@nies.go.jp)

Special Antarctic ozone hole observations were carried out from February 2007 to January 2008, corresponding to the project "Ozone layer and UV radiation in a changing climate evaluated during IPY (ORACLE-O3)". During the "Match" campaign period from June to October, 32 ozone sondes were launched in addition to the normal weekly launch.

JARE 49 Summer

1. Japanese-Swedish Antarctic Expedition (JASE) 2007-2008

(Shuji Fujita sfujita@pmg.nipr.ac.jp)

JASE was a joint contribution to the IPY 2007-2008, based on tracked vehicles, made use of two starting points, Japanese Syowa Station and the Swedish Wasa Station (73°03' S, 13°25' E). The JASE traverse investigated the inland environment of the ice sheet along the line connecting four Antarctic stations; Syowa, Dome Fuji (77°19' S, 39°42' E), Kohnen (75°00' S, 0°07' E) and Wasa. The expedition started in November 2007 and aimed at a meeting point on the polar plateau in late December for joint scientific efforts and the exchange of a few expedition members.

2. Geological Survey in the Sor Rondane Mountains

(Hokada)

A geological survey was carried out in the Sor Rondane Mountains from late November 2007 to early February 2008. The field project aimed to reveal the evolution and dispersion of the supercontinents and mantle processes, especially the formation of the Gondwana supercontinent. The Sor Rondane Mountains are situated in the area of the east and west Gondwana collision zone. This 2007-08 season was the first year of the three-year field project, and seven expedition members flew in to the field from Cape Town via Novolazarevskaya Station using the DROMLAN.