

Chair

Dr. Yeadong Kim

Korea Polar Research Institute

Secretariat

Korea Polar Research Institute

26, Songdomirae-ro

Yeonsu-gu, Incheon

406-840 Republic of Korea

T: +82-32-770-8431

F: +82-32-770-8439

jj@kopri.re.kr

<http://www.afops.org>

In This Issue

JARE-56	2
XII ISAES in India	2
Korean Activities	3
AFoPS Special Issue	3
Call for Papers	4
ASSW 2015	4
21st ISPS in Korea	4

AFoPS Marks 10 Years of Cooperation

In 2003, the directors of polar science institutes from Japan and Korea gathered for the COMNAP meeting in Brest, France, as they recognized the need for a regional polar science forum. As China shared the same view and joined the two, then two follow-up meetings took place in Shanghai and Jeju Island in May and September 2004 respectively, which is now recalled as the genesis of the Asian Forum for Polar Sciences (AFoPS).

Over the ten years, AFoPS has become an important medium of collective endeavors in human and information exchange, research collaboration, and logistics cooperation among Asian polar science institutions. Today AFoPS consists of five Members, Japan, China, India, Malaysia, and Korea, with four Asian

countries (Thailand, Indonesia, Philippines, and Vietnam) as observers.

AFoPS is gearing for a big leap in the next decade. The AFoPS Secretariat has been tasked to strengthen information-sharing among the Members, re-activate its website, compile historical data of AFoPS and facilitate its future planning.

The aspiration of the AFoPS now goes beyond just smoother and frequent exchange of ideas. We are looking forward to launching AFoPS-sponsored cooperative projects and action

groups, to make progress in some issues that could be better handled jointly by the Asian partners with more actions soon to follow.

(AFoPS Secretariat)



AFoPS-I, 10 Sep. 2004, Jeju, Korea



AFoPS-XIV, 7-8 Oct. 2014, Port Dickson, Malaysia

JARE-56 Update

SHIRASE is now cruising back to Fremantle to arrive on 9 March from Syowa, after summer operation of the 56th Japanese Antarctic Research Expedition (JARE-56), led by Prof. Nogi. Because of difficult sea ice condition in Lutzow-Holm Bay, she took more than 2 weeks in the fast ice area to reach Syowa. Many field research programs were carried out using two chartered



R/V Shirase

helicopters, Bell212 and AS350B2. A new-type wind

generator of 20 KW was constructed, which we waited for three years. This is because

large materials for the generator were not transported to Syowa as SHIRASE could not reach Syowa for two years, JARE-53 and 54. The Antarctica's largest atmospheric radar system (PANSY) in Syowa was completed with additional construction work.

(Prof. Kentaro Watanabe, NIPR /

kentaro@nipr.ac.jp)

India hosts XII ISAES in July

India is hosting the XII International Symposium on Antarctic Earth Sciences (SCAR) at Goa, India during 13-17 July 2015.

The International symposium on Antarctic Earth Sciences (ISAES) is a SCAR-initiative aimed at showcasing Antarctic Geoscience research, taking stock of the accomplishments of the International fraternity and providing guidance for future studies. The Symposium is scheduled to be hosted by the Earth System Science Organization (ESSO) of the Ministry of Earth Sciences, and its R&D Wing, the National Centre for Antarctic and Ocean Research

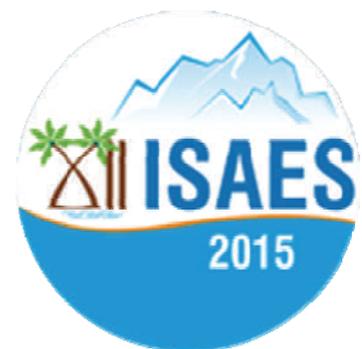
(NCAOR) in Goa, famous for its beaches and places of worship.

Limited financial support will be available especially for the early career scientists and the students. If seeking financial support, please send a brief CV along with abstract and the financial support required. Financial support decisions shall be announced after all abstracts have been received. The Last date for Early Career application/s for possible funding is 15 March, 2015.

* Considering that the Antarctic field season is not yet over and

to facilitate a wider participation, the last date for the submission of abstracts for XII ISAES-2015 is extended to 30 March 2015.

For more information log on to: <http://isaes2015goa.in/>



XII ISAES Logo

AFoPS Website Opens

The AFoPS website has been

officially launched: <http://www.afops.org>. We hope the website will serve to enhance our communication

within the Members and effectively represent the Asian endeavors to the global polar communities. (Secretariat)

Korean Antarctic Activity Highlights

2014-2015 has been a season of great success for the Korea Polar Research Institute (KOPRI). The Antarctic Jang Bogo Station in Terra Nova Bay celebrated its first anniversary, successfully concluding its first overwintering operation. The King Sejong Station on King George Island also successfully completed its 27th overwintering mission from 4,500 kilometers away from Jang Bogo.

Dedication of Jang Bogo Station rendered KOPRI to actively implement Antarctic continent-based earth sciences, such as studies on meteorites and

volcanos. A set of noteworthy achievement has been reported during the last season: KOPRI scientists collected 83 meteorite samples including one weighing 36 kilograms. They also



Mt. Melbourne Volcano (left) and a Meteorite Sample (right)

succeeded in obtaining observations of Mt. Melbourne Volcano, which had recently shown signs of volcanic activity after 25 years. Experts from the U.S. National Oceanic and Atmospheric Administration and University of Florida began collab-

orative research projects with KOPRI counterparts based upon Jang Bogo Station.

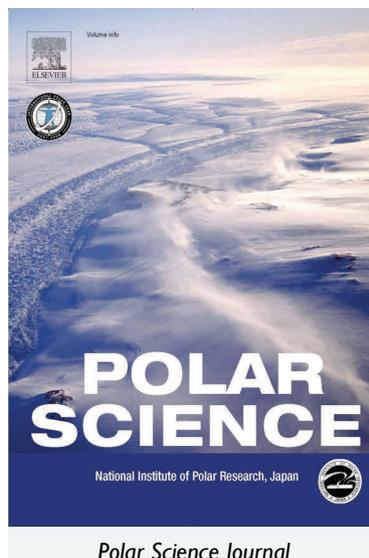
In 2014, one of the most important events was the establishment of the Antarctic Cooperation Centre of Korea at the International Antarctic Centre in Christchurch, New Zealand. As it is located nearby, we expect to

realize higher operational cooperation not only with New Zealand, but also with the U. S. and Italian Antarctic programs.

(Dr. Hyoung Chul Shin,
KOPRI / hcshin@kopri.re.kr)

AFoPS Special Issue Still Open for Papers

The closing date for the submission of papers to the AFoPS Special Issue (SI) was postponed to the end of March as announced in early February. We have 10 manuscripts submitted at present; 4 from India, 2 from Korea, 1 from China and 3 from Japan. AFoPS colleagues are requested to submit their original manuscript and figures via the Elsevier Electronic Submission system (EES) (<http://ees.elsevier.com/polar/>) with a check mark to "SI: AFOPS" as an Article Type in the system. If not more



Polar Science Journal

than ten manuscripts are re-

viewed successfully by the end of August this year, we will be unable to publish the papers in the AFoPS SI this year. In this case, the successfully chosen papers would be published in the ordinary volume of Polar Science. Therefore, I ask you to encourage your colleagues in your country to submit their manuscripts to the AFoPS Special Issue.

(Prof. Kentaro Watanabe,
NIPR / kentaro@nipr.ac.jp)

Call for Papers from *Advances in Polar Science*

The editors would like to invite you to submit manuscripts to a special issue entitled "Current Research on Atmospheric Aerosols and Trace Gases over the Polar Regions (AATGPR)" of the Journal *Advances in Polar Science* (APS).

APS is an international, peer-reviewed journal jointly sponsored by the Polar Research Institute of China (PRIC) and the Chinese Arctic and Antarctic Administration (CAA). It is a quarterly journal published in March, June, September and December by Science Press of China and circulated internationally (ISSN 1674-9928, CN 31-2050/P). For more details, please visit the APS's website (<http://journal.polar.org.cn/EN/volumn/current.shtml>). Any queries could be addressed to journal@pric.org.cn.

ASSW 2015 Approaching

Arctic Science Summit Week (ASSW) 2015 will be held from 23 to 30 April in Toyama. Please register (<http://www.assw2015.org/registration/>) for business meetings or scientific symposia (ISAR-4 / ICARP III) or both. More than 500 people have registered so far. This is a good opportunity to learn about the developing Arctic sciences and to enjoy Toyama. Hokuriku Shinkansen (bullet train) will start operation from 14 March, connecting Toyama in 2 hours and 8 minutes from Tokyo (<http://www.japan-guide.com/news/0033.html>). Please note that the AFoPS Special Meeting will be held in the afternoon of 23 April. Those who would like to attend the AFoPS Special Meeting only, do not need to register for the ASSW2015 and should contact Dr. Kentaro Watanabe (kentaro@nipr.ac.jp) for special arrangements for the afternoon on 23 April. The agenda will be distributed later by the Secretariat.



KOPRI holds Int'l Symposium in May

The Korea Polar Research Institute will hold the 21st International Symposium on Polar Sciences in Incheon, Korea on May 19-20, 2015.

KOPRI's International Symposium on Polar Sciences has been held every year since the launch of Korean Antarctic research and has served to bring polar scientists together providing an international forum for exchanging, sharing ideas and opinions.

The theme of the 2015 Symposium is entitled "Polar Region as a Key Observatory for the Changing Globe and Beyond" amidst our renewed efforts to

The 21st International Symposium on Polar Sciences
Polar Region as a Key Observatory for the Changing Globe and Beyond
May 19 - 20, 2015
Korea Polar Research Institute
Incheon, Republic of Korea

Registration
Jan. 26 - Apr. 17, 2015
<http://symposium.kopri.re.kr>

Abstract Submission
Jan. 26 - Mar. 20, 2015
<http://symposium.kopri.re.kr>

Photo: Courtesy of Chung Yeon HWANG

KOPRI
26 Songdomirae-ro, Yeosu-gu, Incheon 406-840, Korea
406-840 인천광역시 연수구 송도미래로 26(송도동 213-3)
E-mail : symposium@polar.re.kr / Tel : 82-32-770-8432

ISPS Poster

observe the polar region as both the driver and indicator of global changes and also a window to look further to the universe.

The detailed information on the Symposium including the sessions is provided on the symposium website (<http://symposium.kopri.re.kr>).

* Abstract Submission: by April 3, 2015.

(Dr. Hyoung Chul Shin,
KOPRI / hcshin@kopri.re.kr)