



NEWSLETTER

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Thematic issue on "AFoPS 2017"

To strengthen both scientific and logistic collaboration among Asian countries involved in polar research is AFoPS's main purpose. During the AFoPS-13, it was decided to publish the AFoPS proceedings annually by each member countries in turn to demonstrate progresses in Polar Science of Asian countries. On the meeting, China was given the great honor to publish the first AFoPS proceedings as a thematic issue of the Advances in Polar Science (APS), which is a peer-reviewed journal, published in English. The AFoPS-13 proceedings contain 16 original scientific papers from authors of all AFoPS countries, namely: China, India, Japan, Korea and Malaysia. It covers disciplines of oceanography, atmospheric science, geology, biology and ecology. Many new findings and interesting results in these fields are presented and discussed. You can download the articles published in this special issue on the website: <http://www.aps-polar.org/paper/2013/24/04/>.

For more details, please see the attached introduction file or visit the APS's websites: <http://www.aps-polar.org/news/details/M171023000001fAiD>.

Special Issue “Polar Climate Change” Call for Paper

Climate Change: Driving Processes, Extreme Events, and Global Linkages’ as a lasting outcome of the workshop, held in October 2017 at Hohai University, Nanjing, China. This issue will be part of APS Volume 29 and will be issue number 3 of 2018 (Series no. 72) as general issue.

We have four Guest Editors for this issue, Zhaomin Wang (Hohai University, China), Kent Moore (University of Toronto, Canada), Annette Rinke (Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Germany) and John Turner (British Antarctic Survey, UK). Assistant Editors are Mr. Xiaoliang Ling and Dr. Jing Huang (full time staff of Editorial Office). English editing service will be provided free of charge if needed.

For more details, please see the attached introduction file or visit the APS’s websites: <http://www.aps-polar.org/news/details/M171215000002MtPw>.

Resource: PRIC

KOPRI Arctic Science Fellowship Program 2018

The KOPRI Arctic Science Fellowship Program is designed to promote research collaboration in the Arctic, and provide future generation scientist with networking and research opportunities. We invite prospective candidates to submit applications for the fellowship.

The 2018 Arctic Science Fellowship Program offers early career researchers from Arctic countries and researchers of Arctic indigenous heritage with an opportunity to cooperate with KOPRI scientists. The participants will be provided with a round-trip airfare, moderate living expenses, and accommodation at KOPRI guesthouse.

- For any query or submission of the application, please contact:

fellowship@kopri.re.kr

- Application deadline: April 2, 2018

Resource: KOPRI

Successful completion of 10th Southern Ocean Expedition

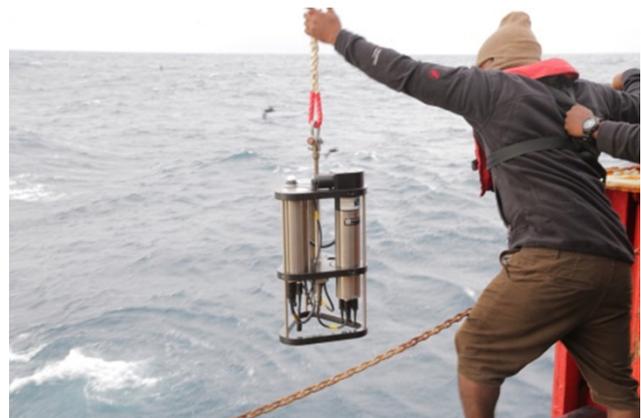
Indian Expedition to Southern Ocean (SOE) is multidisciplinary and multinational scientific research program under the Ministry of Earth Sciences, Government of India. Scientists from the nodal agency, National Centre for Antarctic and Ocean Research (NCAOR), Goa and from other institutes of national and international repute participated in the expedition to understand the role and response of Sothern Ocean to the climatic variability. The tenth expedition was launched from Port Louis, Mauritius on 9th December, 2017. A team of scientists from about 11 organizations and Universities including Scripps Institute of Oceanography, California departed onboard the chartered Ice Class Research Vessel SA Agulhas [owned by South African Maritime Safety Authority, a South African Government Institute]. The duration of the expedition was 60 days.

During expedition, continuous observations for various atmospheric and oceanic parameters were carried out along the entire cruise. After completion of the entire scientific operations upto Prydz Bay region [69° S 76 °E] the vessel arrived at Mauritius on 4th February, 2018. The studies carried out during 10th SOE, ranging from the better understanding of present physical, chemical and biological processes to paleoclimatic studies to the recently observed problem of microplastics. All these studies together will form a bigger picture of Indian Sector of Southern Ocean that is hoping to reveal mysteries as well as enhance the understanding of SO processes and its role in Climate variability.

Resource: NCAOR



Team of 10th Indian Southern Ocean Expedition



Sampling during the expedition

Visit of SCAR Professor, Dr. Xavier Crosta at NCAOR

Dr. Xavier Crosta, senior scientist in paleoceanography at the University of Bordeaux, France visited NCAOR from 5th-22nd March 2018. As a part of SCAR Visiting Professorship, Dr Crosta undertook training to teach diatom taxonomy, statistical approaches to produce quantitative estimates of sea surface temperature and sea ice conditions and Southern Ocean paleoceanography to the young researcher at NCAOR.

Dr Crosta was awarded the visit to India to train five PhD students and post-doctoral fellows on diatom taxonomy, diatom slide preparation and diatom-based transfer function. The group identified the species' specific characteristics on the microscope, and worked on modern and fossil samples covering different time slices and different regions of the Southern Ocean. Dr Crosta also shared his experience of science with the trainees on aspects such as delivering an effective oral presentation and crafting scientific papers (<https://www.scar.org/general-scar-news/xavier-crosta-report/>).

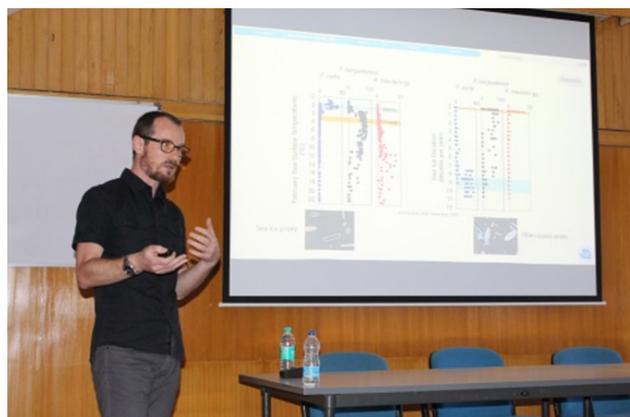
Dr. Xavier Crosta also delivered 03 public lectures at NCAOR, Goa titled:

- a. Antarctic Sea Ice in the changing world: "Insight from paleostudies" on 14.03.2018.
- b. "Late Holocene Sea ice dynamics in the Indian Sector of the Southern Ocean and potential forcing mechanisms" on 16th March, 2018.
- c. "Environmental conditions of Kerguelen Islands during the last 40k years" on 19th March, 2018.

Xavier's lectures on paleo-oceanography have enlightened the audience from scientific as well as non-scientific background.



Lecture by Dr. Crosta at NCAOR



Train course with Dr. Crosta

Resource: NCAOR

AFoPS Special Meeting in Davos

The Asian Forum for Polar Sciences (AFoPS) special meeting in 2018 was held in Davos, Switzerland in June. As the chairman of the AFoPS rotation for year 2017-2018, the conference was hosted by the Polar Research Institute of China.

Representatives and coordinators from AFoPS member countries attended this meeting. The revised version of meeting minutes of 2017 Annual General Meeting (AGM) were agreed by all participants. Meanwhile, all participants agreed the AGM 2018 to be held in Xiamen, P.R.China with China Symposium on Polar Science (CSPS) together on 10th-12th October 2018.

The science forum of AGM was deeply discussed in the meeting, encouraged Asian member countries to develop international cooperation step by step in different regions such as logistics and Antarctic inland traversing in future.



Group Photo for Participants on Davos's Meeting

Resource: AFoPS Secretariat (PRIC)

PRIC and KOPRI Signed Agreement of Cooperation on Polar Research at Special Meeting

The Korea Polar Research Institute (KOPRI) and the Polar Research Institute of China (PRIC) as the central research agencies for the national Arctic and Antarctic programs of their respective countries, Dr. Ho Il Yoon, president of KOPRI and Dr. Huigen Yang, Director-General of PRIC signed Agreement of Cooperation on Polar Research between KOPRI and PRIC in force for 5 years at AFoPS special meeting at Davos.

The purpose of this Agreement is to provide a framework for scientific and logistic cooperation between the KOPRI and PRIC, to strengthen and utilize their capabilities in scientific research and logistical support on the basis of equality and reciprocity. Both of them intend to promote cooperation in scientific research and logistical support activities.



Dr. Ho Il Yoon, president of KOPRI and Dr. Huigen Yang, Director-General of PRIC signed Agreement of Cooperation on Polar Research

Resource: AFoPS Secretariat (PRIC)

Chair

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