

International Workshop

Polar Climate Change: Driving Processes, Extreme Events, and Global Linkages

Date: 23-24 October 2017

Location: Hohai University, Nanjing, China

Polar climate is an important component of the global earth system and has experienced dramatic changes in a warming world. The changes in the polar region and their possible influences on and feedback by processes in the rest of the globe have raised great challenges for scientific research. Polar regions have been the least observed and understood regions. To improve understanding and prediction of polar climate changes, and associated extreme events and global impacts, a number of international initiatives for polar climate research, such as Year of Polar Prediction (YOPP) and The Multidisciplinary drifting Observatory for the Study of Arctic Climate (MOSAIC), have been recently planned to carry out. To coordinate with and contribute to these activities and field campaigns, this workshop will bring together leading international and Chinese polar scientists to present new research progress, identify knowledge gaps and research priorities, and discuss future international collaborations.

This workshop covers, but is not limited to, the following themes:

- Polar Climate Change and its Global Linkages
- Polar Climate and Weather Extremes and Disastrous Ice Conditions
- Polar Ocean Circulation and Ocean-Ice-Atmosphere Interactions

The workshop welcomes international and Chinese scientists to contribute oral and poster presentations.

For more information, to register, and to submit abstracts, please contact Dr. Xuezhu Wang before 31 August 2017: xuezhu.wang@hhu.edu.cn.

Workshop Co-Chairs: Zhaomin Wang, Hohai University; Xiangdong Zhang, University of Alaska Fairbanks; John Turner, British Antarctic Survey; Annette Rinke, Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research.

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