

MEMBER COUNTRY: P.R. China for 2011-2012 season

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2) Zhao Yue	Zhao Yue	Institute of Geomechanics, China Academy of Geological Sciences, No.11, Mindanan Road, Beijing, 100081, China	0086 10 68412307	0086 10 68422326	yuezhao@public3.bta.net.cn	
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4) Li Yuansheng	Li Yuansheng	Polar Research Institute of China, No. 451, Jinqiao Road, Pudong District, Shanghai, 200136, China	0086 21 58713278	0086 21 58711663	lysh@pric.gov.cn	
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ACTION GROUPS						
1) Yang Huigen	Yang Huigen	Polar Research Institute of China, No. 451, Jinqiao Road, Pudong District, Shanghai, 200129, China	0086 21 68610583	0086 21 58711663	huigen_yang@pric.gov.cn	
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insert others as needed						
EXPERT GROUPS						
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JCADM						
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NATIONAL ANTARCTIC DATA CENTRE						
National Arctic and Antarctic Data Center of China						
SCAR DATABASE						
insert name of database for which your country has responsibility						
National Arctic and Antarctic Data Center of China						

A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS:**National SCAR Committee**

Title Chinese Advisory Committee for Polar Research

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Representatives: to SCAR

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Title: Chinese Arctic and Antarctic Administration

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Chief Executive: Qu Tanzhou

A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS**1. Introduction**

The 28th Chinese National Antarctic Research Expedition (CHINARE-28, 2011/2012) was composed of 222 personnel, including 64 Chinese scientists. In the early of NOV. 2011, some of the team member flew to Antarctica, and others went there by Chinese vessel "Xuelong". The over-wintering team of CHINARE-27 and the summer team of CHINARE-28 returned to China on April 8th, 2012.

	Great Wall Station		Zhongshan Station		Kunlun Station
	Summer Season	Overwintering	Summer Season	Overwintering	Summer Season
Scientists	17	2	6	7	8
Logistic Personnel	15	10	28	10	9
Others	110				
TOTAL	222				

2. Stations in Antarctica**Wintering Station**

Name	Location	Coordinates
<i>Great Wall</i>	King George Island	62°12'59" S 58°57'52" W
<i>Zhongshan</i>	Larsemann Hills	69°22'24" S 76°22'40" E

Summering Station

Name	Location	Coordinates
<i>Kun Lun</i>	Dome A	80°25'01" S 77°06'58" E

3. Main scientific activities*The People's Republic of China***National Programs/Projects by Working Group 2011/2012*****Geodesy and Geographic Information***

Subject	Investigation	Locality	Duration	Principal Investigator	Add
Surveying	2011 International Epoch GPS Campaign	Great Wall	2010/2011		1

Physics and Chemistry of the Atmosphere

Subject	Investigation	Locality	Duration	Principal Investigator	Add
Meteorology	Observation	Great Wall	2010/2011	Liu Fubing	2
AVHRR	Receiving	Great Wall	2010/2011	Liu Fubing	2
Meteorology	Observation	Zhongshan	2010/2011	Li Haifeng	2
AVHRR	Receiving	Zhongshan	2010/2011	Li Rongbing	2
Ozone	Observation	Zhongshan	2010/2011	Li Xiangjun	2
UAP	Recording	Zhongshan	2010/2011	Liu Jianjun	3

Geomagnetism

Subject	Investigation	Locality	Duration	Principal Investigator	Add
Geomagnetism	Recording	Zhongshan	2010/2011	Bai Lei	4

Other Programs/Projects

Subject	Investigation	Locality	Duration	Principal Investigator	Add
Traverse	Sampling	Dome A	2011/2012	Jin Bo	5

(S)= Summer project only

The list of principal investigators & responsible authorities 2011/2012

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Major Progress and Results of Polar Scientific Projects 2011/12

In the Kunlun station area, the deep ice core site built has been perfected and the installation of the instruments and equipment for astronomical observation completed; A multidisciplinary scientific research was made, including ice and snow, meteorology and environment.

In the Greatwall station area, in addition to the routine meteorological observation, scientific investigation projects were carried out around the station such as earthquake observation and research, eco-environmental monitoring and research, organic pollutants research and the environmental monitoring, lichen study, marine biological study and ionosphere study, etc; The routine maintenance work for the station area has been completed.

In the Zhongshan Station area, on the basis of continuing the routine observation projects such as those on upper atmosphere physics, geomagnetism, gravity solid tide, tide gauging, global positioning system(GPS) as well as conventional meteorological and ozone observations, fishes diversity survey, tide gauge datum calibration, East Antarctic geological investigation and research.

The Southern Ocean investigation lasted for 17 days, with on oceanic survey voyage of 1447 nautical miles in the aggregate and a total of 64 fixed-point survey stations, including 27 along oceanic sections on the outer edge of the Amery Ice Shelf and 37 along oceanic sections in the Prydz Bay three meridional and 1 zonal. The investigation covered physical oceanography, marine biology, marine chemistry, atmospheric chemistry and other disciplines.