International GIS Workshop on East Antarctica
AntGIS04
Wuhan, China
May 27-29, 2004

Agenda

May 27
09:00-10:00  Opening Ceremony
10:00-10:30  Coffee Break and Group Photo
10:30-12:00  Technical Visit at Wuhan University
12:00-14:00  Lunch
14:00-15:30  Session 1 at LIESMARS
15:30-16:00  Coffee Break
16:00-17:30  Session 2 at LIESMARS
18:00-       Welcome Banquet

May 28
08:30-10:00  Session 3 at LIESMARS
10:00-10:30  Coffee Break
10:30-11:30  Session 4 at LIESMARS
11:30-12:00  Closing Session at LIESMARS
12:00-14:00  Lunch
14:00-18:00  City Tour
18:00-       Dinner

May 29
08:00-18:00  One-day tour to the Three Gorges
Workshop Topics:

- Application of GIS for Antarctic expeditions and research
- The integration and application of Antarctic sampled and spatial data
- The storage and management research of Antarctic spatial databases
- Antarctic spatial data standards
- On-line Antarctic GIS products
- Design and implementation of Internet-based GIS of Antarctic
- The GIS status of East Antarctic and GIS cooperative research between China, Australia and Russia
- Other related Antarctic Geoscience issues

Workshop language:

English

Organized by:

- International Office of Wuhan University
- Chinese Antarctic Center of Surveying and Mapping (CACSM), Wuhan University
- State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing (LIESMARS), Wuhan University

Sponsored by

- Scientific Committee on Antarctic Research (SCAR) - Geoscience SSG
- Chinese Arctic and Antarctic Administration
- State Bureau of Surveying and Mapping

Steering Committee:

- John Manning, SCAR Expert Group on Geospatial Information, Australia
- Glenn Johnstone, SCAR Geoscience SSG, UK
- Liu Jingnan, President of Wuhan University, China
- Qu Tanzhou, Director of Chinese Arctic and Antarctic Administration, China
- Xu Yanying, State Bureau of Surveying and Mapping, China

Local Organizing Committee:

- E Dongchen, Chinese Antarctic Center of Surveying and Mapping, Chair
- Gong Jianya, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Co-Chair
Li Hui, International Office of Wuhan University, Co-Chair
Chen Chunming, Chinese Antarctic Center of Surveying and Mapping
He Liming, International Office of Wuhan University
Li Pingxiang, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing
Shi Lite, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing
Yang Xu, State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing
Zhang Shengkai, Chinese Antarctic Center of Surveying and Mapping
Zhang Wenyan, Chinese Antarctic Center of Surveying and Mapping

Other information:

Accommodation:
Hongyi Hotel
No.136, Donghu Road, Wuchang District, Wuhan
Tel: (86)27-67819888-8133
Fax: (86)27-67819999
Post Code: 430071
Email: sales@wdhy-hotel.com
4-stars Hongyi Hotel is located very close to Wuhan University, at the southwest bank of Dong Lake. The scenery is attractive. We have booked a double room for each representative, the room has shower, TV, WC, phone, air-conditioning etc.

Transport:
The distance from the airport to Wuhan University is about 30 km, we will pick up all the representatives at the airport or railway station to the hotel.

Weather:
The weather on May 27-29 in Wuhan is comfortable, the temperature is about 32°C in the daytime and 22°C at night.

The accommodation and sightseeing tour will be free during the workshop.
Program

Thursday, May 27, 2004

08:30-09:00 Registration of the workshop participants (LIESMARS)

09:00-10:00 Opening Ceremony
- Chairman, E Dongchen, Director of Chinese Antarctic Center of Surveying and Mapping (CACSM)
- Welcoming Words - Liu Jingnan, President of Wuhan University
- Welcoming Words - Qu Tanzhou, Director of Chinese Arctic and Antarctic Administration
- Welcoming Words - Xu Yanying, State Bureau of Surveying and Mapping
- Welcoming Words - Gong Jianya, Director of State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing
- Welcoming Words - Li Jiancheng, Director of School of Geodesy and Geomatics

10:00-10:30 Coffee Break and Group Photo

10:30-12:00 Technical Visit at Wuhan University

12:00-14:00 Welcome Banquet
  host: Gong Jianya, E Dongchen

14:00-15:30 Session 1 at LIESMARS
  Chairman: Jan Cisak, Poland

- Gong Jianya, China
  Report: Technologies and Standards on Spatial Data Sharing

- Roberto Cervellati, Italy
  Report: WebGIS-ILA: The GIS for Italian Logistics in Antarctica on the WEB
- Cheryl A. Hallam, USA
  Report: Inventory of On-line Atlases and Geodatabases

- Zhang Xia, China
  Report: The Establishment of the Chinese Polar Science Database System

15:30-16:00  Coffee Break

16:00-17:30  Session 2 at LIESMARS
  Chairman: Roberto Cervellati, Italy

- Filatov Mikhail Nikolaevich, Russia
  Report: About GIS Cartographic Basement Creation for East Antarctic

- Liu Xiuxia, Canada

- Fraser Taylor, Canada
  Report: Presentation on Cybercartography

- Chen Nengcheng, China

- Ai Songtao, China
  Report: The Fundamental Frame and Key Technology of Chinese Polar Scientific Expedition Management Information System Based on Web GIS

18:00-21:00  Banquet

Friday, May 28, 2004

08:30-10:00  Session 3 at LIESMARS
  Chairman: Gong Jianya, China

- Steffen Vogt, Germany
  Report: An On-line Map Viewer Interface to the King George Island GIS Database
- Pang Xiaoping, China
  Report: Study on Fragile Ecological Environment in Fildes Peninsula, King George Island Based on GIS

- Jan Cisak, Poland
  Report: Geographical Information System for Arctowski Station Samples of spatial analysis

- Jia Wenjue, China
  Report: GIS Interoperability Method Based on Web Service Technology

- Zhang Chunkui, China
  Report: The Handling and Organization of Spatial Data in Chinese Polar Scientific Expedition Management Information System (CPSEMIS)

10:00-10:30 Coffee Break

10:30-11:30 Session 4 at LIESMARS
  Chairman: Cheryl A. Hallam, USA

- Michelle Finnemore, New Zealand

- Xu Ping, China
  Report: Issuance Polar Geography Information Using Geosurf on Internet

- Ai Songtao, China
  Report: The Research on Construct Digital Antarctic Great Wall Station with Close Shot Photogrammetry and GPS Method

- Zhou Chunxia, China
  Report: Technologies and Methods Study of DEM Generation in Antarctic Inland Ice Sheet

- Zhang Xiaohong, China
  Report: Preliminary Results about the Dynamic Characteristics of Amery Ice Shelf from Precise Point Positioning Solution

11:30-12:00 Closing Session at LIESMARS
Speakers: E Dongchen
12:00-14:00    Lunch
14:00-18:00    City Tour
18:00-21:00    Banquet

Saturday, May 29, 2004

08:00-18:00    One-day tour to the Three Gorges