

CliC 2005 DRAFT Programme

Sunday, 10 April 2005

1800 – 2000 **Registration (set up posters)**

Monday, 11 April 2005

0730 – 0900 **Registration (set up posters)**

0900 Conference convenes

0900 - 0930 **Welcoming remarks from Local Host/Conference Co-Chair**
Qin Dahe, Director, China Meteorological Administration, China

0930 - 1030 **Opening Presentations**
Conference opening presentation: The impacts of global climate change on glaciers in China
Prof. Shi Yafeng, Cold and Arid Regions Environmental and Engineering Research Institute, China
The World Climate Research Programme
David Carson, Director, World Climate Research Programme
The Climate and Cryosphere (CliC) Project
Barry Goodison, Chair, CliC Scientific Steering Group, Canada

1030 – 1100 **Local Arrangements, Refreshments and Conference Photograph**

1100 – 1200 **Impacts of climate and cryospheric change**
The formation, distribution and changes of glaciers in China: climate indicator and water resources
Qin Dahe, Director, China Meteorological Administration, China
Topic: Impacts of cryospheric changes in the Arctic
Hanne Petersen, Danish Polar Institute, Denmark

1200 – 1230 **The cryosphere – past, present and future**
Topic: Ice cores and climate history
Dorthe Dahl-Jensen, Copenhagen University, Denmark

1230 – 1330 **Lunch**

1330 – 1530 **The cryosphere – past, present and future (contd.)**
Topic: The marine cryosphere in the climate system
Peter Lemke, Alfred Wegener Institute, Germany and Chair WCRP-JSC
Topic: The terrestrial cryosphere in the climate system
Terry Prowe, University of Victoria, Canada
Topic: Frozen ground in China
Cheng Guodong, WDC for Glaciology and Geocryology, Lanzhou, China
Topic: The future of the cryosphere
Philippe Huybrechts, Alfred Wegener Institute, Germany/Vrije Universiteit Brussels, Belgium

1530 – 1600 **Refreshments**

1600 – 1800

CliC Project Areas

Links between the cryosphere and global climate (CliC Project Area 4)

John Turner, British Antarctic Survey, UK

The terrestrial cryosphere and hydrometeorology of cold regions (CliC Project Area 1)

Tatiana Khromova, Russian Academy of Sciences Institute of Geography, Russia

Glaciers, ice caps and ice sheets, and their relation to sea level (CliC Project Area 2)

Konrad Steffen, Cooperative Institute for Research in Environmental Sciences, Univ. of Colorado, USA

The marine cryosphere and its interactions with high latitude oceans and atmosphere (CliC Project Area 3)

Ian Allison, Australian Antarctic Division, Australia

1800

Close

1900

Ice Breaker Reception

(Snow-shovellers, permafrost drillers, etc. also welcome)

Tuesday, 12 April 2005

0900 Conference convenes

0900 – 1030 CliC Project Area 1 – The Terrestrial Cryosphere and Hydrometeorology of Cold Regions

Topic: Variability of snow characteristics in the Himalaya region

Ramesh Singh, Indian Institute of Technology, India

Permafrost under changing climate: synthesis of observations and modelling

Oleg Anisimov, State Hydrological Institute, Russia

Topic: Measurements and models of cold region hydrology

Dennis Lettenmaier, University of Washington, USA

1030 – 1100 Refreshments

1100 – 1230 CliC Project Area 3 - High Latitude Oceans and the Marine Cryosphere

Topic: Observing sea ice and climate processes

Christian Haas, Alfred Wegener Institute, Germany

Topic: Remote sensing of sea ice and its variability

Seymour Laxon, University College London, UK

Topic: Observations and modelling of ice-shelf/ocean interactions

John Hunter, Antarctic Climate and Ecosystems Cooperative Research Centre, Australia

1230 – 1330 Lunch

1330 – 1500 CliC Project Area 1 – The Terrestrial Cryosphere and Hydrometeorology of Cold Regions

Talks selected from submitted abstracts

Poster introductions

1500 – 1530 CliC Project Area 3 - High Latitude Oceans and the Marine Cryosphere

Poster introductions

1530 – 1730 Refreshments and Posters

Posters for CliC Project Areas 1 + 3, national and international project posters

1730 Close

Wednesday, 13 April 2005

0900 **Conference convenes**

0900 – 1000 **CLIC Project Area 3 - High Latitude Oceans and the Marine Cryosphere**

Talks selected from submitted abstracts

1000 – 1030 **Cryospheric data and information management**

TBA.

1030 - 1230 ***Refreshments and parallel workshops for CLIC Project Areas 1 and 3***

1230 – 1330 ***Lunch***

1330 – 1400 Plenary reports from workshops

1400 – 1500 **Parallel sessions on topics to be determined based on submitted abstracts (for example, CLIC Project Areas 1 to 4, International Polar Year activities, observations including remote sensing, modelling, cryosphere and the carbon cycle, cryospheric indicators of climate change, socio-economic issues, etc.)**

Talks selected from submitted abstracts

1500 – 1530 ***Refreshments***

1530 – 1730 **Parallel sessions – contd.**

Talks selected from submitted abstracts

1730 **Close**

Thursday, 14 April 2005

- 0900** **Conference convenes**
- 0900 – 1030** **CliC Project Area 2 – Glaciers, Ice Caps and Ice Sheets, and their Relation to Sea Level**
- Topic: Mid-latitude glaciers and their contribution to sea level
Gino Cassasa, Centro de Estudios Cientificos, Chile
- Topic: High latitude ice masses and their contribution to sea level
Martin Sharp, University of Alberta, Canada
- Topic: ICESat observations of ice sheet mass balance
Jay Zwally, NASA, USA
- 1030 – 1100** **Refreshments**
- 1100 – 1230** **CliC Project Area 4 - Links between the Cryosphere and Global Climate**
- Topic: Interactions between atmospheric circulation and the cryosphere
David Thompson, Colorado State University, USA
- Topic: Interactions between oceanic circulation and the cryosphere
Cecilie Mauritzen, Norwegian Meteorological Institute, Norway
- Topic: The role of the cryosphere in abrupt climate change
Thierry Fichefet, University Catholique de Louvain, Belgium
- 1230 – 1330** **Lunch**
- 1330 – 1500** **CliC Project Area 2 – Glaciers, Ice Caps and Ice Sheets, and their Relation to Sea Level**
- Talks selected from submitted abstracts
Poster introductions
- 1500 – 1530** **CliC Project Area 4 - Links between the Cryosphere and Global Climate**
- Poster introductions
- 1530 – 1730** **Refreshments and Posters**
- Posters for CliC Project Areas 2 + 4, national and international project posters*
- 1730** **Close**
- 1930** **Conference Banquet**

Friday, 15 April 2005

- 0900** **Conference convenes**
- 0900 – 1000* **CliC Project Area 4 - Links between the Cryosphere and Global Climate**
Talks selected from submitted abstracts
- 1000 – 1030* CryoSat and remote sensing of the cryosphere
Duncan Wingham, .University College London, U.K.
- 1030 - 1230* **Refreshments and parallel workshops for CliC Project Areas 2 and 4**
- 1230 – 1330* **Lunch**
- 1330 - 1400* Plenary reports from workshops
- 1400 - 1500* **Partner Programme/Project Presentations**
Selected talks
- 1500 – 1530* **Refreshments**
- 1530 – 1700* **Conference Closure**
Topic: The importance of understanding the cryosphere's role in climate
Hartmut Grassl, Max-Planck-Institute for Meteorology, Germany
- Final Conference Statement and Presentation of Prizes
Ian Allison, Peter Lemke and Qin Dahe
- 1700** **Close of Conference**

Saturday, 16 April 2005

Post-Conference Excursions – Courtesy of the meeting hosts
Trip to the Great Wall or to the Forbidden City