

# Agenda

## Cybercartographic Atlas of Antarctica Workshop

Carleton University, Ottawa, Canada  
May 22<sup>nd</sup> – 24<sup>th</sup>, 2002

Supported by grants from the Canadian Department of Foreign Affairs and International Trade and the Social Sciences and Humanities Research Council of Canada

Chair: Dr. D.R.F. Taylor

Goals of the workshop:

1. Develop a detailed concept for the Cybercartographic Atlas of Antarctica.
2. Establish the approach used to develop The Atlas.
3. Agree on material to be presented at XXVII SCAR in Shanghai.

Workshop Sessions

### WEDNESDAY, MAY 22<sup>ND</sup>, 2002

09:00-10:30:

- Welcome and opening of the meeting
- Agenda revision and designation of reporters
- Update on The Cybercartographic Atlas of Antarctica Project – developments since the Puerto Madryn Workshop – Dr. Fraser Taylor with additions from workshop participants. Topics: Funding, Partners, Development Approach

10:30-10:45 : Break

10:45-12:00:

Session Introduction – Dr. Fraser Taylor, Carleton University

Presentation: The Web , cartography and information delivery, Dr. William Cartwright, RMIT University, Melbourne Australia

12:00-13:00: Lunch

13:00 - 14:30:

Session Introduction – Dr. Fraser Taylor, Carleton University

Presentation: Canada's Oceans Program Activity Tracking (OPAT) System, Darren A. Williams, Senior Advisor, Integrated Management Program, Marine Ecosystems Conservation Branch, Department of Fisheries and Oceans, Government of Canada

14:30-14:45: Break

14:45 – 16:15:

Session Introduction – Peter Pulsifer, Carleton University

Establishment of a proposal framework for The Cybercartographic Atlas of Antarctica

## THURSDAY, MAY 23RD

09:00-10:30:

Session Introduction – Dr. Fraser Taylor, Carleton University

Presentation: Climate Variability and Global Warming impact on Antarctic Ecosystem structure and functioning. Dr. Daniel F. Vergani, MSc. Zulma B. Stanganelli, Lic. Juan Carlos Labraga Argentina - Centro Nacional Patagónico (CENPAT-CONICET), Dr. Ludo Holsbeek, Laboratory for Ecotoxicology and Polar Ecology, Belgium Free University Brussels

Presentation: Geodetic Activities and History of Geodesy in Antarctica Australia. John Manning, Geodesy Group National Mapping Division Geoscience Australia

10:30-10:45 : Break

10:45-11:15:

Session Introduction – Dr. Fraser Taylor, , Carleton University

Presentation: Cybercartographic Atlas of Antarctica, Main Issues and Network Approach. Prof. Dongchen, E., Nengcheng Chen. Chinese Antarctic Center of Surveying and Mapping, Wuhan University , China.

11:15-12:00:

Session Introduction – Peter Pulsifer, Carleton University

Round Table Discussion: All Workshop Participants

Discuss the potential of previously proposed subject areas for inclusion in the Atlas. Some previously proposed subject areas include those presented in previous sessions and:

- Ice – characteristics, processes and effects
- Historical Exploration of the Antarctic
- Proposal of new subject areas for consideration

12:00-13:00: Lunch

13:00 - 14:30:

Session Introduction – Peter Pulsifer, Carleton University

Round Table Discussion: All Workshop Participants

Develop subject areas to be included in the Atlas. Establish details such as:

- Goals of study
- Linkages of subject area to overall Atlas concept and to existing resources
- Geographic coverage and scale
- Content including potential data sources
- Suggested individual case studies (“vignettes”) for incorporation into subject areas
- Supporting research (key studies) related to subject area
- Responsible agency
- Potential methods of data representation. In particular establish themes that would be well supported using a particular method of representation i.e. time series animation, 3D visualization, audio etc..

14:30-14:45: Break

14:45 – 16:15: Development Approach

Session Introduction – Peter Pulsifer

Round Table Discussion: All Workshop Participants  
Establishing functional requirements for a series of Atlas prototypes.

**FRIDAY, MAY 24TH, 2002**

09:00-11:00:

Report Preparation and Next Meeting

11:00-13:00: Lunch

13:00-14:30:

Report Approval

Closing of Meeting

14:30-18:00: Recreational Outing