



International Association of Cryospheric Sciences

**6th IACS Bureau Meeting – part II
(open meeting)**

Melbourne – June 30, 2011

17:00 – 19:00

Melbourne Convention & Exhibition Centre
1 Convention Centre Place
South Wharf, Victoria 3006

Room MR219

Minutes

Bureau members present

Ian Allison (President: IA)

Charles Fierz (President-elect: PE Fierz)

Georg Kaser (Past President: PP Kaser)

Cunde Xiao (Vice President: VP Xiao)

Manfred Lange (Secretary General: SG-old Lange)

Andrew Mackintosh (Secretary General: SG-new Mackintosh)

Kumiko Goto- Azuma (Vice President-old: VP Goto Azuma)

Claude Duguay (Division Head-old; *Marine and Freshwater Ice*: DH Duguay)

Hiroyuki Enomoto (Division Head-new; *Marine and Freshwater Ice*: DH Enomoto)

Ralf Greve (Division Head; *Planetary and Other Ices of the Solar System*: DH Greve)

Bureau members absent with regrets

Julian Dowdeswell (Division Head; *Glaciers and Ice Sheets*: DH Dowdeswell)

Peter Jansson (Vice President: VP Jansson)

Gino Casassa (Vice President: VP Casassa)

Valérie Masson Delmotte (Division Head; *Cryosphere, Atmosphere and Climate*: DH Masson Delmotte)

Guests

Larry Hinzman (IPA)

Danny Marks (ICSIH)

John Pommeroy (ICSIH-IAHS)

Tas van Ommen (IPICS)

1. Welcome and Opening Remarks (Ian Allison)

IA welcomed both the outgoing and incoming IACS bureau members. He explained that this meeting was concerned mostly with ensuring a smooth transition between the outgoing (2007-11) and incoming (2011-15) Bureaux. Many of the recommendations made in BM6.1 would need to be confirmed and accepted by the new Bureau who would then be responsible for implementing them.

2. Agenda additions/modifications (Ian Allison)

The agenda was briefly reviewed; no changes were proposed.

3. Introduction of incoming Bureau Members (Ian Allison)

Members of the new Bureau, whose appointment had been confirmed by Delegates at the Plenary Administrative meeting were introduced. The new Bureau for 2011-2015 consists of:

- Ian Allison, President (*continuing till 2013*)
- Charles Fierz, President-elect
- Andrew Mackintosh, Secretary General
- Cunde Xiao, Vice-President
- Olga Solomina, Vice President
- Andrés Rivera, Vice President
- Hiroyuki Enomoto, Division Head, Marine and Freshwater Ice
- Ethan Greene, Division Head, Snow and Avalanches
- Ralf Greve, Division Head, Planetary and Other Ices of the Solar System (*reappointed*)
- Cecilie Rostad-Denby, Division Head; Glaciers and Ice Sheets
- Valérie Masson Delmotte, Division Head, Cryosphere, Atmosphere and Climate (*reappointed*).

Six of the incoming Bureau members were present at this meeting.

4. Acceptance of Minutes of Bureau Meeting 5 (carried over from BM6.1) and Stockholm ad-hoc Bureau Meeting (old Bureau)

IA briefly explained the nature of the teleconference as a formal continuation of the informal meeting that took place in Stockholm.

Both minutes were accepted by those members of the 2007-2011 Bureau in attendance.

5. Recommendations from the 6th IACS Bureau meeting (Part I; June 27, 2009) concerning Working Groups, Standing Groups and Joint Bodies.

A discussion was held on clarifying the role of the various IACS subsidiary groups (Working Groups, Standing Groups and Joint Bodies) to better distinguish the different objectives and functions between them.

6. President's Report (Ian Allison)

IA gave a brief account on some of the decisions taken during the previous Bureau meeting. We then discussed the current General Assembly and the IACS -only as well as the co-sponsored symposia.

PP Kaser gave a brief report on the activities he contributed to IACS during the last two years. He briefly reported on the "cleaning-up" of the ICSI archives in Cambridge, UK. Subsequently, the archive has been sent to NSIDC in Boulder, Col., USA. He then explained his involvement in reinvigorating the Cryo-Manager initiative that had been inactive for some time. Furthermore, he reported on his involvement in a UNFCCC meeting in Bonn, Germany in May, 2011. He represented IACS in this meeting which aimed to provide guidance to a preparatory meeting related to the next COP in Durban.

7. Brief Summary Reports on Division status

7.1. Snow and avalanches (Charles Fierz, Appendix BM06-C)

PE Fierz gave a brief account on the activities of the Division on *Snow and Avalanches*. He referred in particular to the publication that has been produced by the WG, its translation into other languages and a few other issues. He then briefly discussed the opportunities to team up with other groups in order to co-organize meetings and conferences.

7.2. Continental Glaciers and Ice Sheets

No report was provided on this Division.

7.3. Marine and Freshwater Ice (Claude Duguay)

DH Duguay gave a brief report on the activities during the last six months.

7.4. Cryosphere, Atmosphere and climate

No report was provided on this Division.

7.5. Planetary and other Ices of the Solar System (Ralf Greve)

DH Greve gave a brief report on the activities during the last six months. He briefly referred to the symposium on this topic during IUGG2011.

8. Reports from IACS Working Groups

8.1. Glacier Mass Balance Terminology

Publication of Mass Balance Glossary (G. Kaser)

PP Kaser gave a brief account on this during the PP's report earlier.

Proposed dictionary of (Structural) Glaciology (Charles Fierz)

DH Fierz gave a brief account of a new initiative, which is part of a larger project.

VP Xiao briefly reported on an initiative within the Chinese IACS National Committee on producing a glossary on Cryospheric terms and terminology.

8.2. GAPHAZ (Glacier and Permafrost Hazards in mountains; joint IPA/IACS WG, Appendix BM06-K)

IA briefly referred to the document presented and the intention to restructure GAPHAZ.

L. Hinzmann gave a brief introduction on the IPA's position.

- 8.3. Ice Flow Law (newly formed - R. Greve)
DH Greve explained the rationale of the group, which is driven by A. Humbert (Hamburg, Germany). There is a document by this group (Appendix BM06-D).

9. Reports from IACS Standing Groups

- 9.1. IAVCEI/IACS Joint commission on Volcano-Ice Interactions (Appendix BM06-V)
IA gave a brief presentation on this commission and its activities. PP Kaser also commented on this. The meeting endorsed our continued involvement in this activity and proposed to ask Andrés Rivera to be our point of contact with CVII.
- 9.2. IPICS (International Partnership in Ice Core Science; Tas van Ommen; Appendix BM06-W)
Tas van Ommen gave a brief presentation on IPICS, its goals and objectives, i.e., the four science priorities currently addressed. In October 2012, there will be an IPICS Open Science Conference in Giens, France. IPICS requests support from IACS of Euro 3000. While we will not decide on this request in this meeting, IA commented that the requested amount seems to be a bit high, given IACS' annual budget.
- 9.3. GTN-G Steering Committee (report from WGMS)
IA, based on a written report by WGMS gave a brief account on this committee and its activities. The group has just been formed, but needs to get active quite soon.

10. Partner reports and comments on past and future collaboration with IACS

- 10.1. APECS (Association of Polar Early Career Scientists) (Inga May)
IACS and APECS are engaged in formulating an MoU between the two organizations. L. Hinzmann commented that IPA has a quite close link to APECS.
- 10.2. ICSIH-IAHS (Snow and Ice Hydrology) (John Pomeroy, President)
The President of ICSIH briefly explained the history of ICSIH and emphasized that there was also the intent to have close links between IACS and ICSIH. He also explained the structure of ICSIH. He then went on to describe the joint activities between the two bodies (e.g., MOCA09 - Our Warming Planet).
- 10.3. WGMS (World Glacier Monitoring Service) (Appendix BM06-H)
- 10.4. International Permafrost Association (IPA) (Larry Hinzman) (Appendix BM06-X)
L. Hinzmann briefly reported on a conference in Salekhard, Russia. He suggested to IACS to propose permafrost sessions in forthcoming General Assemblies in order for this topic to be represented.
Unable to be represented:
International Arctic Science Council (IASC)
Scientific Committee on Antarctic Research (SCAR)
CliC (Climate and Cryosphere)
International Glaciological Society.

11. List of issues for the 7th Bureau Meeting (2 July)

IA proposed to omit the open session, because most of the guests to be invited have been present at this meeting.

A number of issues that were considered important for IACS in the future were raised by the old Bureau and discussed at the meeting. The decision on these was however left to the forthcoming meeting of the incoming 2011-2015 Bureau. These included:

- whether the tenure of the Working Group on Mass balance terminology and methods should be extended, now that the Glossary was completed, to fully document mass balance methods.
- Strengthening of our partnership and interaction with APECS and signing of a formal MoU.

- The IACS Bureau discussed the reinvigoration of ISMASS and the proposal to make it a Standing Group of IACS. There was very strong support for the objectives of ISMASS, but it was not felt appropriate to establish an ISMASS SG within IACS when it is already supported within SCAR and IASC. We would however be keen to have an IACS "correspondent" as a point of contact between ISMASS and IACS, and we would be prepared to consider, on a case-by-case basis, co-sponsoring ISMASS activities.
- the proposal to make GAPHAZ a standing group of IACS.
- the proposal for a new WG on microstructure based modelling of snow. As discussed at BM6.1, members thought that this proposal needed further development, but IACS should support that development.

12. Other business

There was no other business.

13. Vote of thanks to outgoing Bureau Members and WG/SG chairs

IA proposed a vote of thanks to the outgoing Bureau members and to Working Group and Standing Group Chairs for their efforts over the last quadrennium to establish IACS as a new IUGG Association and to advance its objectives. The work of Past President Georg Kaser and Secretary General Manfred Lange was particularly noted. This motion was carried with acclamation.

14. Closure

IACS BM6.2 was closed shortly before 7pm.