



IUGG



IACS

International Association
of Cryospheric Sciences

<http://www.cryosphericciences.org>

IACS is a constituent Association of the International Union of Geodesy and Geophysics IUGG and aims at promoting the study of the cryosphere in all of its aspects

5th IACS Plenary Administrative Meeting Montreal – July 12th, 2019 18.00-20.00

Montreal Convention Centre
1001 Jean Paul Riopelle Pl, Montréal,
QC H2Z 1H5, Canada
Room 516C

1. Welcome and Opening Remarks

Andrew Mackintosh opens today's plenary and welcomes the participants. He points to the items of the agenda marked with ***, on which only the 17 accredited IACS delegates present can vote (see also note at the end of these minutes).

2. * Amendments to the Agenda**

Andrew Mackintosh introduces the agenda. No amendments are requested.

3. An introduction to IACS and President's Report

Regine Hock presents her report on recent IACS activities (sponsored workshops, schools, travel grants, partnerships, collaborations), noting that the backbone of IACS is its Standing Groups and Working Groups.

4. IACS activities since the Prague IUGG General Assembly

A few of the IACS highlights since the last Plenary Administrative Session in Prague are:

- IACS membership is steadily growing since February 2017. There are ~ 570 members by July 2019;
- The new IACS website was launched early 2019;
- Involvement of quite a few IACS members as Coordinating Lead Author, Lead Authors, and Reviewers of IPCC reports;
- Under the leadership of Ian Allison, the paper "IACS: past, present and future of the International Association of Cryospheric Sciences" appeared in time for the 100th anniversary of IUGG.

5. Secretary General's Report (Andrew Mackintosh)

*** Submission of audited accounts of IACS for 2015-2019 (see Statutes & Bylaws, 3.3b(v))

Andrew Mackintosh presents the audit of the IACS account. He shows a pie chart about past spending, explanation of the different categories, and details some examples. He also notes that IACS spent about CAD 16 000.- for travel grants to Montreal. Most of this grant money originates from the proceeds of the Wellington

Scientific Assembly in 2017.

As of 28 February 2019 the balance of the IACS transaction account amounts to EUR 32 179.53 and that of the IACS saving account to EUR 75 506.35. The Treasurer's report and the audit are unanimously accepted by the Delegates (17 votes in favour, no against, no abstentions).

6. *** Election of new Bureau for 2019-2023

Regine Hock presents the list of candidates to IACS Officer positions and Ralf Greve, Chair of the Nomination panel, provides background on the process how the slate proposed by the panel was developed. Ralf Greve then proceeds with the elections (Note: 3 IACS correspondents of IUGG Adhering bodies not attending the IACS Plenary Administrative Session in Montreal sent their election ballot by e-mail). The two selected electoral officers Daniel Farinotti and Samuel Nussbaumer oversee and compile the votes. They are neither members of the Bureau nor of the Nomination panel.

President-elect:

Liss Andreassen (Norway) 12 votes, elected

Secretary General:

Richard Essery (UK) 12 votes, elected

Vice Presidents:

Minghu Ding (China) 19 votes, elected

Stanislav Kutuzov (Russia) 20 votes, elected

Andrew Mackintosh (Australia) 20 votes, elected

Ruzica Dadic (New Zealand) 1 vote

Heads of Divisions:

Snow and Avalanches

Charles Fierz (Switzerland) 18 votes, elected

Igor Appel (USA) 1 vote

Adrian McCallum (Australia) 1 vote

Glaciers and Ice Sheets

Gwenn Flowers (Canada) 19 votes, elected

Nicolas Cullen (New Zealand) 0 vote

Ruzica Dadic (New Zealand) 1 vote

Stanislav Kutuzov (Russia) *withdrawn after election as VP*

Sea Ice, Lake and River Ice

Takenobu Toyota (Japan) 12 votes, elected

Cryosphere, Atmosphere and Climate

Anaïs Orsi (France) 12 votes, elected

Nicolas Cullen (NZ) 0 vote

Ruzica Dadic (NZ) 1 vote

Minghu Ding (China) *withdrawn after election as VP*

Planetary and other Ices of the Solar System

Christine Schøtt Hvidberg (Denmark) 12 votes, elected



7. Thank to outgoing Bureau members

Regine Hock thanks the outgoing bureau members Cunde Xiao (absent), Ian Allison, Ethan Greene (absent), and Valérie Masson Delmotte (absent) for their valuable contributions to IACS development.

8. *** Changes to IACS Statutes and By-laws

Regine Hock presents shortly the main changes proposed to the IACS Statutes and By-Laws. The full proposal and pertaining documents had been sent in due time to all accredited IACS Delegates as well as to all IACS correspondents of IUGG Adhering bodies not attending the IACS Plenary Administrative Session in Montréal. By the time of this session, neither comments nor amendments to the proposed changes had been received by the Secretary General Andrew Mackintosh. Regine Hock thus proceeds to an in globo vote about the acceptance of the revised IACS Statutes and By-Laws (17 votes in favour, no against, no abstentions).

9. Awards and Honours

9.1. *** IACS Honorary Members

Regine Hock presents the suggestion to award Ian Allison the IACS Honorary Membership followed by an unanimous vote (17 votes in favour, no against, no abstentions). Ian is surprised but pleased by this homage made to him for his **enthusiastic and dedicated support** of IACS for more than a decade.

9.2. IACS Early Career Scientist Prize

Regine Hock presents the Prize to the two recipients Denis Felikson and Doug Brinkerhoff.

9.3. IUGG Early Career Awards

Regine Hock congratulates the IUGG Early Career Scientists Award winners Emilie Capron and Marie Dumont (climatology and cryosphere, respectively).

9.4. Graham Cogley Award

Regine Hock briefly introduces the new Graham Cogley Award donated by his wife Kathy. The first awardees will be announced at the end of this General Assembly.

10. IACS Future activities (Andrew Mackintosh)

10.1. Sponsored Scientific meetings, workshops and summer schools

IACS sponsors **CRYOSPHERE 2020, the “International Symposium on Ice, Snow and Water in a Warming World” to be held in Reykjavík, Iceland, 21–24 September 2020.**

10.2. Busan, South Korea – IAMAS-IAPSO-IACS Joint Assembly 2021 (BACO-21)

The theme of BACO-21 is “For a better stewardship of our planet” (baco-21.org). Jinho Ahn, Seoul National University, and Seong-Joong Kim, Korea Polar Research Institute, will be the IACS contacts in the local organizing committee. One of the goal of the emerging Korean cryospheric sciences community is to **boost the local young**



generation's participation in international joint research programs related to cryospheric sciences.

10.3. Call for future "Scientific Assemblies"

Andrew Mackintosh calls for bids for the 2025 IACS Scientific Assembly.

11. Working, standing groups, services, partnerships (Andrew Mackintosh)

11.1. IACS Working Groups

A new Working Group on "Debris Covered Glaciers" started in 2018 and three proposal for new Working Groups are under consideration by the IACS Bureau: Regional glacier mass changes, Snow and avalanche mechanics, Ice-ocean interactions.

The Working Groups on "Glacier ice thickness estimation" and on "Randolph Glacier Inventory and infrastructure for glacier monitoring" both asked for an extension until 2019.

11.2. IACS Standing Groups and Services

The World Glacier Monitoring Service (WGMS), a service of IACS, celebrates jointly with IACS the 125 jubilee of the establishment of the Commission Internationale des Glaciers in 1894 joining the Plenary Administrative Session by means of a recorded video message. On behalf of WGMS, Samuel Nussbaumer presents IACS President Regine Hock with an original of the first report on "Les variations périodiques des glaciers".

Gwenn Flowers replaces Graham Cogley in the Global Terrestrial Network for Glaciers (GTN-G) Steering Committee. GTN-G underwent a mid-term assessment that underlines the challenges and concerns it will face in the near future.

The Joint IACS-IPA Standing Group on "Glacier and permafrost hazards in mountains (GAPHAZ)" went through a self-evaluation to be evaluated by the new Bureau.

The IAVCEI/IACS Joint commission on Volcano-Ice Interactions (CVII) is currently quite inactive. IACS and IAVCEI will discuss what the next steps are.

11.3. IACS partners

The International Arctic Science Committee presents shortly its current activities and highlights.

The Letter of Agreement with the International Arctic Scientific Committee (IASC) and the Scientific Committee for Antarctic Research (SCAR) is about to be renewed.

12. Gaps and new directions

Regine Hock presents a summary of 2019/2020 priorities and beyond:

- Seek and promote **new Working Groups**;
- Complete transfer to new **IACS homepage**;
- Digitize **IACS archive** and make it available on the homepage;
- Enhance **membership**;
- **Sponsoring scientific and educational activities.**



13. Any other business

None.

14. Closure and depart for Festa Cryospherica

After thanking all participants of the meeting, in particular the IACS accredited Delegates, Andrew Mackintosh closes the Plenary Administrative Session around 19:45 hours. He then invites the participants to follow him to the Pub St. Paul where IACS will hold its Festa Cryospherica. He also mentions that a few additional tickets will be sold on site for those who still would like to join.

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Items marked ***

Only nominated national Delegates, or their formally notified proxy, can vote on these issues. A list of candidates for Bureau election, and the proposed changes to the Statutes and By-laws, has been distributed to Delegates and national correspondents. Delegates unable to attend and without a Proxy can vote by mail, provided their correspondence is received by the Secretary General before the day of the Plenary Administrative meeting.

