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
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 Reykjavik, 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.

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

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.