



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

## **IACS Plenary Administrative Meeting 17:00 – 18:30, Saturday 15 July 2023**

CityCube Berlin  
Messedamm 26  
14055 Berlin, Germany  
**Room New York 2**

65 people attended the meeting, including 20 Accredited Delegates.

### **President's Report**

IACS President Liss M. Andreassen presented IACS activities since the IUGG 2019 General Assembly in Montreal. Virtual Bureau Meetings were held in 2020, 2021 and 2022, the cancelled 2021 IACS-IAMAS-IAPSO was replaced with an online Atmosphere-Cryosphere-Ocean seminar series in July 2021, and there was a virtual plenary meeting in November 2021. Membership of IACS (which is free) has grown to over 1100. IACS has adopted an [action plan](#) to implement the IUGG resolution “Reducing the Carbon Footprint by the Research Community” and a [code of conduct](#). IACS [newsletters](#) have been published three or four times a year.

### **Secretary General's Report**

IACS Secretary General Richard Essery presented the IACS accounts for 2019-2023, approved by the IACS Bureau and audited in accordance with IACS [By-law 3.3b\(v\)](#). The IACS bank balance has grown from €107,685.88 to €159,857.67 between the 2019 and 2023 audits, largely due to pandemic restrictions on activities, but the balance will now be drawn down by prizes and travel grants for IUGG 2023. The IACS Bureau has approved increasing grants awarded for workshops up to a maximum of €3000 and support for IACS bodies up to €2500 per year against receipts for eligible costs.

### **Election of the new IACS Bureau for 2023-2027**

The nomination panel was chaired by Jon Ove Hagen, with Mary Albert and Ian Allison. The slate of nominees was sent to the National Correspondents and Accredited Delegates on 15 May in accordance with IACS [By-law 4.5](#), and a reminder was sent on 12 July. David Rounce and Chris Conway counted the ballot papers. Including votes from two Accredited Delegates submitted by email, the counts were:

Position	Candidate	Residence	Votes
President-Elect	Mathieu Morlighem	USA	22
Secretary General	Richard Essery	UK	22
Vice Presidents	Minghu Ding	China	21
	Regine Hock	Norway	22
	Andrew Mackintosh	Australia	21
<b>Heads of Divisions</b>			
Snow and avalanches	Rebecca Mott	Switzerland	22
Glaciers	Mohd Farooq Azam	India	22
Ice Sheets	Sophie Nowicki	USA	21
Sea, lake and river ice	Sandra Barreira	Argentina	12
	Alex Fraser	Australia	11
Cryosphere, atmosphere and climate	Anaïs Orsi	Canada	21
Planetary and other ices of the solar system	Christine Schøtt Hvidberg	Denmark	22

Liss announced that for the only contested position, Sandra Barreira was elected as the Head of the Sea, Lake and River Ice Division, and she thanked the outgoing Bureau members.

### **Awards and Honours**

Liss proposed Charles Fierz for election as an Honorary Member of IACS. This was approved by a show of hands with 18 Accredited Delegates voting in favour and none against. After the meeting, it was noted that the [nomination](#) should have been sent to Accredited Delegates in advance and Charles should have been asked to leave the room for the vote; this was an oversight.

Liss presented Early Career Scientist prizes to Yixi Zheng (University of East Anglia) and Veronica Tollenaar (Université Libre de Bruxelles). This prize is awarded every two years to two early career scientists for scientific papers on cryospheric subjects selected by an independent evaluation committee.

IUGG Early Career Awards were awarded to IACS nominees Mohd Farooq Azam, Natalya Gomez and Johan Gaume. The IUGG Gold Medal was awarded to IACS nominee Valerie Masson-Delmotte.

### **Current IACS activities**

Representatives of IACS activities were invited to give short presentations:

[World Glacier Monitoring Service](#) (WGMS, Michael Zemp)

[Global Land Ice Measurements from Space](#) (GLIMS, Frank Paul)

### **Working groups**

[Debris covered glaciers](#) (David Rounce)

[Randolph Glacier Inventory](#) (RGI, Fabien Maussion)

[Regional Assessments of Glacier Mass Change](#) (RAGMAC, Michael Zemp)

### **Standing Groups**

[Glacier And Permafrost HAZards in mountains](#) (GAPHAZ, Holger Frey)

### **Joint Commissions**

[Joint IACS-IG Commission on Cryospheric Deformation](#) (Natalya Gomez)

[Joint IACS-IAPSO Commission on Ice-Ocean Interactions](#) (Felicity McCormack)

[Joint IACS-IAVCEI Commission on Volcano-Ice Interactions](#) (Chris Conway)

### **Joint Bodies**

[IACS-MRI-WMO-GCW Joint Body on the status of the mountain snow cover](#) (Wolfgang Schöner)

### **Future IACS activities**

Liss reported the aspiration to have working groups within the remits of all the IACS Divisions.

Working group proposals in progress include:

- Antarctic marginal ice zone processes
- Glacier-ice sheet delineation
- Density of ice
- Snow and firn
- Computational modelling of snow and avalanche mechanics
- Glacier Benchmark observations

The IACS annual Bureau meeting in 2024 will be held online, and planning has begun for the 2025 IACS-IAMAS-IAPSO Assembly in Busan, South Korea.

IACS will engage in planning for the International Year of Glaciers' Preservation 2025 and the International Polar Year 2032-2033.

Olaf Eisen presented Antarctica InSync, a proposal for an internationally coordinated synchronous scientific observation mission in and around Antarctica. Websites and contact addresses will be made available to the community soon.

### **Close of meeting**

Richard closed the meeting at 18:30 and invited those who had registered to proceed to Restaurant Neumann's for the Festa Cryospherica, which was attended by 70 people.