

INTERNATIONAL GLACIOLOGICAL SOCIETY

England & Wales · Charity number 231043

Details

Other names GLACIOLOGICAL SOCIETY, IGS

Status Registered

Legal form Other

Registered 1964-03-05

Register [View on the Charity Commission register](#)

Contact

Address Scott Polar Research Institute
Lensfield Road
Cambridge
CB2 1ER

Phone 01223336540

Email igsoc@igsoc.org

Website www.igsoc.org

Activities

Objects: TO STIMULATE INTEREST IN AND ENCOURAGE RESEARCH INTO THE SCIENTIFIC AND TECHNICAL PROBLEMS OF SNOW AND ICE IN ALL COUNTRIES; TO FACILITATE AND INCREASE THE FLOW OF GLACIOLOGICAL IDEAS AND INFORMATION; TO PUBLISH THE JOURNAL OF GLACIOLOGY, ANNALS OF GLACIOLOGY, ICE AND OTHER SUCH PUBLICATIONS AS THE COUNCIL FROM TIME TO TIME DETERMINE; TO SPONSOR LECTURES, FIELD MEETINGS AND SYMPOSIA

Activities: To stimulate interest in and encourage research into the scientific and technical problems of snow and ice worldwide; to facilitate and increase the flow of glaciological ideas and information; to publish the Journal of Glaciology, Annals of Glaciology, the IGS newsletter ICE and other such publications as the Council from time to time determine; to sponsor lectures, field meetings and symposia.

Classification

- **How:** Acts As An Umbrella Or Resource Body
- **What:** Education/training
- **Who:** The General Public/mankind

Geography

- **Area of benefit:** NATIONAL AND FOREIGN

- Antarctica
- Argentina
- Australia
- Austria
- Belgium
- Brazil
- Canada
- Chile
- China
- Denmark
- Estonia
- Finland
- France
- Georgia
- Germany
- Iceland
- India
- Ireland
- Italy
- Japan
- Nepal
- Netherlands
- New Zealand
- Northern Ireland
- Norway
- Poland
- Russia
- Scotland
- South Korea
- Spain
- Sweden
- Switzerland
- Ukraine

- United States
- Throughout England And Wales

Finances

Period end	Income	Expenditure	Assets	Employees
2024-12-31	£187,059	£259,265	-	-
2023-12-31	£380,461	£409,136	-	-
2022-12-31	£261,425	£245,726	-	-
2021-12-31	£171,661	£151,784	-	-
2020-12-31	£168,855	£142,674	-	-

Trustees

Name	Role	Appointed
Professor Shin Sugiyama	Chair	2025-02-07
Dr Amber Leeson		2018-09-05
Dr David Babb		2025-02-07
Dr Gwenn E Flowers		2014-12-14
Dr Ines Maria Dussailant Lehmann		2026-04-23
Dr Jing Gao		2021-11-05
Dr Levan Tielidze		2026-04-23
Dr Lucas Keith Zoet		2026-04-23
Dr Lucas Ruiz		2021-11-05
Dr Rebecca Schlegel		2021-11-05
Dr Rijan Bhakta Kayastha		2021-11-05
Dr Ruzica Dadic		2025-02-07
Dr Saurabh Vijay		2025-05-07
Dr Thomas Ralph Cowton		2026-04-23
Professor Dustin Schroeder		2019-07-09

INTERNATIONAL GLACIOLOGICAL SOCIETY

England & Wales - Charity number 231043

Accounts

INTERNATIONAL GLACIOLOGICAL SOCIETY

UNAUDITED

COUNCIL OF MANAGEMENT'S REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2024

INTERNATIONAL GLACIOLOGICAL SOCIETY

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INTERNATIONAL GLACIOLOGICAL SOCIETY

REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS
FOR THE YEAR ENDED 31 DECEMBER 2024

President

S Sugiyama

Vice Presidents

D Schroeder

Immediate Past President

G Flowers

Treasurer

A Leeson

Council of Management

D Babb (appointed 7 February 2025)

R Carr

R Dadic (appointed 7 February 2025)

S Faria

J Gao

A Glazovskiy (resigned 7 February 2025)

P Heil (resigned 7 February 2025)

R Kayastha

J Kohler (resigned 7 February 2025)

F Navarro (resigned 7 February 2025)

L Ruiz

A Sakai (resigned 7 February 2025)

R Schlegel

M Schneebeli (resigned 7 February 2025)

O Sergienko (appointed 7 February 2025, resigned 24 August 2025)

S Vijay (appointed 7 February 2025)

INTERNATIONAL GLACIOLOGICAL SOCIETY

REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2024

Charity registered number

0231043

Principal office

High Cross
Madingley Road
Cambridge
Cambridge
CB3 0ET

Secretary-General

M M Magnusson

Accountants

Peters Elworthy & Moore
Chartered Accountants
Salisbury House
Station Road
Cambridge
CB1 2LA

Bankers

Bank of Scotland
38 St Andrew Square
Edinburgh
EH2 2YR

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2024

The Council of Management present their annual report together with the financial statements of the International Glaciological Society (the charity) for the year ending 31 December 2024. The financial statements have been prepared in accordance with the accounting policies set out in note 1 to the accounts and comply with the Charity's trust deed, the Charities Act 2011 and Accounting and Reporting by Charities: Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS102) (second edition of the Charities SORP (FRS102) October 2019).

OBJECTIVES AND ACTIVITIES

a. Policies and objectives

Main activities undertaken to further the charity's purposes for the public benefit.

In setting objectives and planning for activities, the Council of Management have given due consideration to general guidance published by the Charity Commission relating to public benefit, including the guidance 'Public benefit: running a charity (PB2)'. The International Glaciological Society is a registered charity whose charitable purpose defined within the Charities Act 2011 is as follows:

- To stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- To facilitate and increase the flow of glaciological ideas and information;
- To publish the *Journal of Glaciology*, *Annals of Glaciology*, *ICE* and other such publications as the Council from time to time determines; and
- To sponsor lectures, field meetings and symposia.

The Society's members, and the larger glaciology community within which they sit, contribute to the peer review process of grant proposals submitted to public and charitable grant awarding bodies, and of manuscripts submitted to the Society's journals and those of other publishers. This clearly benefits the public, ensuring that only the very best science is funded from the public and charity purses, and speedily makes it through to publication.

The Society's members have also contributed substantially to public policy documents, such as the Intergovernmental Panel on Climate Change Assessment Reports, or National Government papers, by reviewing, synthesising and summarising the scientific literature concerning climate change, its effects on all aspects of the cryosphere (snowfall, sea ice, terrestrial ice, permafrost, river and lake ice) and its human impact (on avalanche activity, ocean navigation, human livelihoods in the Arctic, changing flooding risks, water supply, industrial activity in polar regions, and sea level rise).

The Society is often asked for media comment on aspects of climate and cryosphere and is able to respond directly or, more often, direct the media to relevant experts.

The Society has a number of local branches that actively encourage informal meetings, which enable young scientists to interact with senior colleagues. The Society especially favours sponsoring of workshops and initiatives aimed at young people, such as those organised by the IGS Early career Glaciologists Group (EGG) and the International Association of Polar Early Career Scientists (APECS).

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

Objectives and activities (continued)

b. Strategies for achieving objectives

The strategies employed to achieve the charity's aims and objectives are to:

- Organize, stage and execute symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Co-sponsor symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Encourage and foster local groups of glaciologists to cooperate within geographical regions to further the discipline of glaciology in its widest sense;
- Concentrate on involving young and early career scientists within the wider scope of glaciology worldwide;
- Encourage the worldwide interaction and collaboration of glaciologists irrespective of gender, nationality, race and religion;
- Facilitate and encourage the publication of high quality scientific articles within the discipline of glaciology through the Society's journals, the *Journal of Glaciology* and the *Annals of Glaciology*;
- To publish a newsletter, ICE, that informs glaciologists worldwide about future symposia, meetings and workshops and to report on events that have already taken place. Publish reports from IGS correspondents worldwide and general information on IGS membership;
- Provide financial support for events that concentrate on young and early career scientists within the wide scope of glaciology worldwide;
- To maintain an international membership of glaciologists so as to be a major hub of communication between glaciologists worldwide; and
- Provide recognition for excellent contributions to the field of Glaciology through the IGS Awards: the Seligman Crystal, The Richardson Medal, Honorary Membership, the Firn Award for Mid-Career Scientists and the Graham Cogley award and the IGS Early Career Scientist Award.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

ACHIEVEMENTS AND PERFORMANCE

a. Main achievements of the Charity

From 1 January 2024 onwards we no longer publish printed issues of our journals. We publish online-only in one Volume per year per journal, sequentially following the previous volume years. In 2024, Journal of Glaciology Volume 70, the number of papers published was 88, of which 79 Articles, 5 Letters, 3 Corrigenda/Errata, and 1 Addendum, 1,873 pages in total.

For the Annals of Glaciology Volume 65 the number of papers published was 39, of which 36 Articles, 2 Corrigenda/Errata, and 1 Addendum, 464 pages in total.

We continue to publish in partnership with Cambridge University Press (CUP) and the number of papers published was 127, of which 115 Articles, 5 Letters, 5 Corrigenda/Errata, and 2 Addenda, 2,337 pages in total for both our journal,

Papers are now identified by electronic numbers (e1, e2, etc.), instead of pages, but the colophon on the PDF version of each paper lists both the e-number and the range of pages.

We continue to publish in partnership with Cambridge University Press (CUP), and during 2024 we published in total 1,873 pages.

In 2024 we were only able to hold one symposium, the International Symposium on Verification and Validation of Cryospheric Models in Northumbria University, Newcastle, UK. We had 93 delegates, 39 (41%) of which were Early Career Scientists.

The CUP arranges the production and publication of the journals of the International Glaciological Society (IGS) on behalf of the Society meaning that all subscription and article processing charge income from the journals goes to CUP rather than the IGS. In return, CUP pays the IGS a royalty based on the income received. For 2024, this revenue was £85,117 compared with 2023 when the revenue was £120,943, £80,896 in 2022, £130,279 in 2021. The peaks in 2021 and 2020 are due to CUP introducing what used to be called a 'Read and Publish' agreement but is now referred to as 'Transformative Agreements'. As the IGS was one of the first publisher to sign up to this agreement our share was proportionally greater than most other publishers.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

Achievements and performance (continued)

b. Key performance indicators

The key performance indicators are the number of delegates attending symposia, membership numbers and pages published in the Society's journals.

During 2024, the Society sponsored one symposium and co-sponsored another one. The only symposium was held at Northumbria University in Newcastle, UK. The theme was on 'Verification and Validation of Cryospheric Models'. The total number of presentations submitted for this symposium was 97, consisting of 52 oral and 45 poster presentations. The symposium was attended by 92 delegates, of which 39 (42%) were students and early career scientists.

A second was planned in September 2024 to be held in Potsdam, Germany. The theme was to be 'Ice Drilling Technology'. This symposium had to be postponed and will be held in September 2025.

The IGS co-sponsored the 'International Symposium on Geomatics, Remote Sensing, and Climate Change in the Arctic, Antarctica, and High Mountain Asia' held in September 2024 in Tongji University, Yangpu District, China.

Further, in 2024 the IGS sponsored the IGS Branch meetings. Namely in New Zealand where they held their meeting at the beginning of February. The IGS British Branch was held at the beginning of September in Liverpool. The Nordic Branch was held in October/November 2024, in Hellissandur, Iceland.

In North America, the IGS branches, Northwest Glaciologists held their meeting in October at the University of Alaska Fairbanks, AK, USA, and the Northeast Glaciology branch meeting was held at the Massachusetts Institute of Technology, MA, USA in April.

On 23 March 2024 the IGS Council approved the formation of an IGS Indian Branch.

On 21 October 2024 the IGS Council approved the formation of an IGS Andes Branch which was proposed by a group of Chilean and Argentinean glaciologists but is open to all researchers interested in Andean glaciology.

The IGS financially supported the following 'Summer Schools':

- 7th International Alaska Summer School in Glaciology held in June 2024, in McCarthy, Central Alaska, USA
- 24th Karthaus Summer School: Ice sheets and glaciers in the climate system held May 2024 in Karthaus, Italy
- Juneau Icefields Research Program (JIRP) in the summer of 2024.
- Patagonian Icefield Education and Research program in November/December 2024

The International Glaciological Society's weekly seminar series, established in 2020, at the start of Covid, continued in fine form in 2024. The weekly seminar had glaciologists from all over the world present one-hour seminars at 2100 GMT/BST on Wednesdays. This has continued to be hugely successful and has been very positive publicity for the Society as we can see in the dramatic increase in our following on social media. We also believe it has resulted in an increase of new members and lapsed ones renewing (although this is more difficult to confirm). In the second half of 2023 we experimented with holding the seminars at a time more friendly to our colleagues in Asia, Australia, New Zealand etc. Typically, these Seminars were held in the early hours of Thursday morning, typically at 01:00 GMT. This was deemed not to be successful so for the second half of 2024 we reverted to holding the seminars at 20:00 UK time.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

Achievements and performance (continued)

As always, all seminars are streamed on Facebook and available as a recording on YouTube. In 2024 there were 20 seminar sessions and 26 presentations were given: several sessions were dedicated to Early Career Researchers (ECR) where three ECRs gave a presentation. We also started including a monthly Sea Ice session with 2 presentations per evening. Recordings of the sessions are available to view on YouTube and FaceBook. The seminars have made a concerted effort to comply with the Society's policy on 'Actions on Diversity and Inclusivity'. This effort has been very successful as can be seen in the extensive and impressive list of speakers.

At present we have more than 2,300 people signed up to the Seminars with an average of 15 to 50 participants per session. We have up 1,206 subscribers to the IGS YouTube channel and in 2024 we had 16,981 views which equates to 849 views per session on average. All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology. We currently have 1,206 subscribers to our video channel. Furthermore, the seminars are turning into a major teaching tool worldwide where glaciology students can listen to world experts in the field and put questions to them.

From 1 January 2024 onwards we no longer publish printed issues of our journals. We publish online-only in one Volume per year, sequentially following the previous volume years. In 2024, Journal of Glaciology Volume 70, the number of papers published was 88, of which 79 Articles, 5 Letters, 3 Corrigenda/Errata, and 1 Addendum, 1873 pages in total. Papers are now identified by electronic numbers (e1, e2, etc.), instead of pages, but the colophon on the PDF version of each paper lists both the e-number and the range of pages.

We continue to publish in partnership with Cambridge University Press (CUP) and during 2024 we published in total 1873 pages. We published 464 pages in the *Annals of Glaciology in 2024 c.f.* 345 pages in the *Annals of Glaciology* in 2023, an increase of 34%. And an increase of 309% c.f. 150 pages in 2022. Of course, the reason for the low numbers in 2022 was a consequence of Covid. We only published one issue of ICE in 2024, a single issue, 191, 40 pages in total c.f. 126 pages in 2023 and 61 pages in 2022.

During 2024 the Society's paid membership reached 550 members, a drop of 5% from the previous year (579). The spread was as can be seen below:

376	Ordinary Members
86	Student/Junior
61	Retired
6	Honorary
2	Life Members
1	Supporting
4	Contributing
5	Contributing Retired
4	Direct Debit payer, Ordinary Member
1	Direct Debit payer, Retired
1	Ordinary Member, administrator
3	Partner/Spouse
550	Total

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

Achievements and performance (continued)

c. Review of activities

The Society carried out the following activities during the year:

- Published two scientific journals, both dedicated to glaciology in its widest content i.e. the study of snow and ice in all its forms.
- Specific activities related to the above objects are largely addressed through symposia identified under the section below.
- Maintained a global network of National Correspondents to report on snow and ice research activities in their area, in our newsletter, ICE.
- Maintained and serviced the IGS membership of 550 members worldwide.

Publishing

In 2024 the Society published and prepared to publish the following:

- In partnership with Cambridge University Press, published volume 70 of the *Journal of Glaciology*, 1,873 pages in total.
- In partnership with Cambridge University Press, published Volume 65 of the *Annals of Glaciology*, 464 pages in total.
- Published one issue of ICE, numbers 191 containing 40 pages.
- Reviewed and accepted papers for the *Journal of Glaciology*, Volume 70 and 71.
- Reviewed and accepted papers for the *Annals of Glaciology*, Volume 65 and 66.

Awards

In 2024 the Society awarded the following:

- The Seligman to two individuals, Helen A. Fricker and Sridhar Anandakrishnan
- The Richardson Medal to one individual, Bethan Davies
- An Honorary Membership to one individual, Jon Ove Hagen
- The Firn Medal to one individual, Nanna Karlsson
- The Early Career Scientist Award to one individual, Lauren Vargo
- The Graham Cogley Award to two individuals, Tim Hill and Sarah Wells-Moran

For further information on the IGS Awards please visit the IGS Awards website: .

Symposia and meetings

During 2024 the Society sponsored one symposium and cosponsored one. The only symposium was held at Northumbria University in Newcastle, UK. The theme was on 'Verification and Validation of Cryospheric Models'. The total number of presentations submitted for this symposium was 97 consisting of 52 oral and 45 poster presentations. The symposium was attended by 92 delegates of which 39 (42%) were students and early career scientists.

- Newcastle, UK. The theme was on 'Verification and Validation of Cryospheric Models'.
- Cosponsored the 'International Symposium on Geomatics, Remote Sensing, and Climate Change in the Arctic, Antarctica, and High Mountain Asia' held in Yangpu District, China.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

Achievements and performance (continued)

The IGS co-sponsored and financially supported the following 'Summer Schools':

- 7th International Alaska Summer School in Glaciology held June 2024, in McCarthy, Central Alaska, USA
- 24th Karthaus Summer School: Ice sheets and glaciers in the climate system held May 2024 in Karthaus, Italy
- Juneau Icefields Research Program (JIRP) in the summer of 2024
- Patagonian Icefield Education and Research program in November/December 2024

Further we sponsored the various IGS Branch meetings:

- New Zealand at the beginning of February at Coronet Peak near Queenstown.
- The IGS British Branch was held in Liverpool at the beginning of September.
- The Nordic Branch, held in October/November 2024, in Hellissandur, Iceland.
- IGS branch, Northwest Glaciologists held their meeting in October at the University of Alaska Fairbanks, AK, USA.
- Northeast Glaciology branch meeting was held at the Massachusetts Institute of Technology, MA, USA in April.

FINANCIAL REVIEW

a. Going concern

After making appropriate enquiries, the Council of Management have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason, they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the accounting policies and the plans for future periods section within the Council of Management's report.

b. Reserves policy

At 31 December 2024 the free reserves of the charity (unrestricted reserves less tangible fixed assets) amounted to £332,551 (2023 - £399,075).

Council has formulated a policy to establish a financial base from which the activities at the present level would be secure in the event of future financial difficulties. In particular, its aim is to:

- build up sufficient reserves to meet one year's running costs, including salaries, office overheads and estimated statutory redundancy costs; and
- build up reserves equivalent to two years of Cambridge University Press royalties in order to give ample time to find alternative sources of finance, should the need arise.

Based on the above, reserves required are approximately £492,000 compared to free reserves held of £332,551. The Trustees will continue to monitor the policy in light of spending commitments and the current economic uncertainty.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

c. Financial Review

The results for the year are set out in the attached financial statements.

Total income amounted to £187,059 (2023 - £380,461) which, after expenditure of £259,265 (2023 - £409,136) resulted in a net deficit before investment gains/losses of £72,206 (2023 - deficit of £28,675). The unrealised gain on the revaluation of fixed asset investments amounted to £4,240 (2023 - unrealised loss of £3,914), resulting in a net decrease in funds of £67,966 (2023 - decrease of £32,589).

At the end of the year the Society had net assets of £339,055 compared with £407,021 at the end of the previous year, of which £5,011 (2023 - £5,154) were restricted.

d. Principal risks and uncertainties

The Council of Management has examined the major strategic, business and operational risks which the charity faces. The major risk to the finances of the IGS remains that in the wake of entering into partnership with Cambridge University Press (CUP) and the subsequent loss of page charge and subscription income. The CUP royalty is predominately dependent upon the number of accepted papers to be published in the Society's journals. A reduction in the number of papers published is reflected in a reduction in the amount received from the CUP and vice versa. In 2023 the royalties from CUP amounted to £120,943 compared to £80,896 in 2022 and to £130,279 in 2021.

As mentioned above, the peaks in 2021 and 2020 are due to CUP introducing what used to be called a 'Read and Publish' agreement but is now referred to as 'Transformative Agreements'. The income from the 'Transformative Agreements' has now levelled out but the increase in articles published in 2023 helped to increase the revenue we received from the CUP.

For this reason, Council has determined a reserves policy as set out above. Systems have been established to enable regular reports to be produced so that the necessary steps can be taken to lessen the impact of the risks.

e. Principal funding

Since the commencement of the publishing partnership with Cambridge University Press (CUP), the source of the Society's principal funding has changed from the sales of publications, author processing charges (APCs) and membership fees to royalties from CUP, membership fees, symposia registration fees and to a small extent the sale of ICE and merchandise.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

STRUCTURE, GOVERNANCE AND MANAGEMENT

a. Constitution

The International Glaciological Society was founded in 1936 and was registered as a charity in 1961.

The constitution of the Society was approved at a Special General Meeting held in Cambridge on 6 January 1962 and subsequently amended on 22 February 1968, 1 January 1972, 6 April 1977, 31 July 1985, 5 July 1989 and 14 October 1992. Under the constitution the affairs of the Society, which is a registered charity (number 231043), are managed by a Council of Management and a Secretary General appointed by the Council. An amended constitution was accepted by the IGS Annual General Meeting held in Oslo, Norway, on 5 November 2021. It was then submitted to the general membership and the results of that voting was received in March 2022. The amended Constitution was then submitted online to the Charity Commission which approved the amendments. The Society is now operating according to the amended constitution.

b. Methods of appointment or election of Council of Management

Council members are elected at an Annual General Meeting and may hold office for a term not exceeding three years without further election. This Council shall have power to coopt not more than three extra members. Six members of the Council shall form a quorum.

The 2024 AGM had to be postponed until 7 February 2025 It was held online. At the meeting the following the following members retired from Council: Vice-Presidents Andrey Glazovsky (Russia) and Petra Heil (Australia), and the elected Council members Jack Kohler (Norway), Akiko Sakai (Japan) and Martin Schneebeli (Switzerland).

At the same AGM meeting the following members were elected to Council: Shin Sugiyama (Japan), Dustin Schroeder (USA), Amber Leeson (UK), David Babb (Canada), Ruzica Dadic (Switzerland), Jing Gao (China), R. Bhakta Kayasth (Nepal), Lucas Ruiz (Argentina), Rebecca Schlegel (Germany), Olga Sergienko (USA), Saurabh Vijay (India).

The IGS Council composition as of 7 February 2025 is thus:

Shin Sugiyama (President)
Dustin Schroeder (Vice President)
Amber A. Leeson (Treasurer)
Gwenn Flowers (Immediate Past President)
David Babb
Rachel Carr
Ruzica Dadic
Sérgio Faria
Jing Gao
R. Bhakta Kayasth
Lucas Ruiz
Rebecca Schlegel
Olga Sergienko (resigned 24 August 2025)
Saurabh Vijay

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

Structure, governance and management (continued)

c. Organisational structure and decision-making policies

Council determines the general policy of the Society. The day-to-day affairs of the Society are run by the Secretary General.

d. Pay policy for key management personnel

The senior management team in charge of directing and controlling, running and operating the Society on a day to day basis together with the Council of Management comprise the key management personnel of the charity.

Secretary General M M Magnússon

The pay of the senior staff is reviewed annually and normally increased in accordance with average earnings and the change in the 'Retail Price Index' over the past year.

In view of the nature of the charity, the benchmark is set against pay levels in other similar learned societies with a charity status of a similar size. In addition, a review of similar jobs on the open market is taken into account. The remuneration paid for similar roles is adjusted in view of any additional responsibilities. Being a small charity, it is necessary for staff to assume responsibilities for several tasks, thus requiring very adaptable individuals willing and able to take this on.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2024

PLANS FOR FUTURE PERIODS

During 2025 the Society plans to carry out the following activities:

- Support activities required by Council and the Officers of the Society.
- Publish *Journal of Glaciology* – Volume 71, in partnership with Cambridge University Press.
- Prepare the publication of *Journal of Glaciology* – Volume 72
- Publish *Annals of Glaciology* – Volume 66: containing papers from one IGS thematic symposium and one other thematic topic:
 - 'Verification and Validation of Cryospheric Models'
 - 'Vanishing Glaciers'
- Prepare the publication of *Annals of Glaciology* – Volume 67: containing papers from the thematic symposium.
 - 'Ice Streams and Outlet Glaciers'
 - 'Ice Drilling Technology'
- All in partnership with Cambridge University Press.
- Publish ICE – Numbers 194, 195 and 196.
- Prepare the publication of ICE 197.
- Undertake preparatory work for future symposia 2026 (UK, USA & Germany) and beyond; 2027 (USA & Germany).
- Continue to encourage and support the principles of 'Equality, Diversity and Inclusivity' within the Society and the glaciological community.
- Continue to improve the new website for IGS and ensure the implementation is according with the wishes of our membership. Develop the IGS membership web page to further improve the 'value' of IGS membership.
- Continue to improve the new IGS Connect membership and events platform and thus improve the various accounting, banking and transaction procedures of the Society.
- Continue to support and maintain the IGS Global Seminar Series. Maintain and the associated IGS YouTube channel.
- Continue to develop the Society's presence on social media.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2024**

Statement of Council of Management's responsibilities

The Council of Management are responsible for preparing the Council of Management's report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Council of Management to prepare financial statements for each financial which give a true and fair view of the state of affairs of the Charity and of its incoming resources and application of resources, including its income and expenditure, for that period. In preparing these financial statements, the Council of Management are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles of the Charities SORP (FRS 102);
- make judgements and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards (FRS 102) have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in business.

The Council of Management are responsible for keeping adequate accounting records that are sufficient to show and explain the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Constitution. They are also responsible for safeguarding the assets of the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the board of Council of Management and signed on their behalf by:

.....
S Sugiyama
President

Date:

INTERNATIONAL GLACIOLOGICAL SOCIETY

INDEPENDENT EXAMINER'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2024

INDEPENDENT EXAMINER'S REPORT TO THE COUNCIL OF MANAGEMENT OF INTERNATIONAL GLACIOLOGICAL SOCIETY ('the Charity')

I report to the charity Council of Management on my examination of the accounts of the Charity for the year ended 31 December 2024.

RESPONSIBILITIES AND BASIS OF REPORT

As the Council of Management of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

INDEPENDENT EXAMINER'S STATEMENT

Your attention is drawn to the fact that the Charity has prepared the accounts in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) in preference to the Accounting and Reporting by Charities: Statement of Recommended Practice issued on 1 April 2005 which is referred to in the extant regulations but has been withdrawn.

I understand that this has been done in order for the accounts to provide a true and fair view in accordance with the Generally Accepted Accounting Practice effective for reporting periods beginning on or after 1 January 2015.

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

This report is made solely to the Charity's Council of Management, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Council of Management those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Council of Management as a body, for my work or for this report.

Signed:

Dated:

Michael Hewett

FCA DChA

Peters Elworthy & Moore, Salisbury House, Station Road, Cambridge, CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 DECEMBER 2024

	Note	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
INCOME FROM:					
Charitable activities	3	173,219	-	173,219	365,908
Other trading activities		28	-	28	78
Investments	4	13,648	164	13,812	14,475
TOTAL INCOME		186,895	164	187,059	380,461
EXPENDITURE ON:					
Raising funds	5	-	-	-	1,400
Charitable activities	6	259,265	-	259,265	407,736
TOTAL EXPENDITURE		259,265	-	259,265	409,136
NET (EXPENDITURE)/INCOME BEFORE NET GAINS/(LOSSES) ON INVESTMENTS					
		(72,370)	164	(72,206)	(28,675)
Net gains/(losses) on investments		4,240	-	4,240	(3,914)
NET MOVEMENT IN FUNDS		(68,130)	164	(67,966)	(32,589)
RECONCILIATION OF FUNDS:					
Total funds brought forward		402,174	4,847	407,021	439,610
Net movement in funds		(68,130)	164	(67,966)	(32,589)
TOTAL FUNDS CARRIED FORWARD		334,044	5,011	339,055	407,021

The notes on pages 18 to 33 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**BALANCE SHEET
AS AT 31 DECEMBER 2024**

	Note	2024 £	2023 £
FIXED ASSETS			
Tangible assets	10	1,493	3,099
Investments	11	166,877	162,637
		168,370	165,736
CURRENT ASSETS			
Stocks	12	562	562
Debtors	13	20,831	79,263
Investments	14	107,433	102,378
Cash at bank and in hand		85,451	117,552
		214,277	299,755
CURRENT LIABILITIES			
Creditors: amounts falling due within one year	15	(43,592)	(58,470)
NET CURRENT ASSETS		170,685	241,285
TOTAL NET ASSETS		339,055	407,021
CHARITY FUNDS			
Restricted funds	16	5,011	4,847
Unrestricted funds	16	334,044	402,174
TOTAL FUNDS		339,055	407,021

The financial statements were approved and authorised for issue by the Council of Management and signed on their behalf by:

.....
S Sugiyama
 President

Date:

The notes on pages 18 to 33 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2024

1. ACCOUNTING POLICIES

1.1 BASIS OF PREPARATION OF FINANCIAL STATEMENTS

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (second edition of the Charities SORP (FRS102) October 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the Charities SORP (FRS 102) published on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

International Glaciological Society meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

1.2 FUND ACCOUNTING

General funds are unrestricted funds which are available for use at the discretion of the Council of Management in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

1.3 GOING CONCERN

The Council of Management have reviewed the financial position of the Charity and have a reasonable expectation that the charity has adequate resources to continue in operational existence for the foreseeable future. Accordingly, the financial statements continue to be prepared on the going concern basis.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2024

1. ACCOUNTING POLICIES (CONTINUED)

1.4 INCOME

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Dividends are recognised once the dividend has been declared and notification has been received of the dividend due. Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the charity; this is normally upon notification of the interest paid or payable by the bank.

Income in relation to the publication of Journals and Annals is recognised at the later of the publication date or receipt of a sales order.

Royalty income is recognised in the period to which it relates.

Other income is recognised in the period in which it is receivable and to the extent the goods have been provided or on completion of the service.

1.5 EXPENDITURE

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources. Central staff costs are allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use.

Governance costs are those incurred in connection with administration of the charity and compliance with constitutional and statutory requirements. These are apportioned between activities on a basis consistent with the use of resources.

Costs of generating funds are merchandise costs. No support costs are allocated to fundraising as they are considered immaterial.

All expenditure is inclusive of irrecoverable VAT.

1.6 FINANCIAL INSTRUMENTS

The Charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2024

1. ACCOUNTING POLICIES (CONTINUED)

1.7 INVESTMENTS

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance Sheet date, unless fair value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and shown in the heading 'Gains/(losses) on investments' in the Statement of Financial Activities.

1.8 CURRENT INVESTMENT

Current asset investments represent cash held on deposit with a maturity date of less than one year which is being held for investment purposes rather than to meet short term cash commitments as they fall due.

1.9 TANGIBLE FIXED ASSETS AND DEPRECIATION

Tangible fixed assets costing £200 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

Tangible fixed assets are carried at cost, net of depreciation and any provision for impairment. Depreciation is charged so as to allocate the cost of tangible fixed assets less their residual value over their estimated useful lives.

Depreciation is provided on the following bases:

Fixtures and fittings	- 33.33% straight line
Computer equipment	- 33.33% straight line

1.10 STOCKS

Stocks are valued at the lower of cost and net realisable value after making due allowance for obsolete and slow-moving stocks.

1.11 DEBTORS

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

1.12 CASH AT BANK AND IN HAND

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2024

1. ACCOUNTING POLICIES (CONTINUED)

1.13 LIABILITIES AND PROVISIONS

Liabilities are recognised when there is an obligation at the balance sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the statement of financial activities as a finance cost.

1.14 OPERATING LEASES

Rentals paid under operating leases are charged to the statement of financial activities on a straight line basis over the lease term.

1.15 FOREIGN CURRENCIES

Monetary assets and liabilities denominated in foreign currencies are translated into sterling at rates of exchange ruling at the reporting date.

Transactions in foreign currencies are translated into sterling at the rate ruling on the date of the transaction.

Exchange gains and losses are recognised in the statement of financial activities.

1.16 PENSIONS

The Charity operates a defined contribution pension scheme and the pension charge represents the amounts payable by the Charity to the fund in respect of the year.

2. CRITICAL ACCOUNTING ESTIMATES AND AREAS OF JUDGEMENT

Estimates and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Critical accounting estimates and assumptions:

The Charity makes estimates and assumptions concerning the future. The resulting accounting estimates and assumptions will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

The trustees do not consider there are any critical judgements or sources of estimation uncertainty requiring disclosure beyond the accounting policies listed above.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

3. INCOME FROM CHARITABLE ACTIVITIES

	Unrestricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Journal, Ice and books	1,217	1,217	2,173
Meetings and Symposia	62,465	62,465	217,250
Membership	24,420	24,420	25,542
CUP Royalty	85,117	85,117	120,943
TOTAL 2024	<u>173,219</u>	<u>173,219</u>	<u>365,908</u>
Total 2023	<u>365,908</u>	<u>365,908</u>	

In 2023 all income from charitable activities was unrestricted.

4. INVESTMENT INCOME

	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Dividends and interest (gross)	10,036	-	10,036	9,525
Bank deposit interest	3,612	164	3,776	4,950
TOTAL 2024	<u>13,648</u>	<u>164</u>	<u>13,812</u>	<u>14,475</u>
Total 2023	<u>14,310</u>	<u>165</u>	<u>14,475</u>	

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

5. EXPENDITURE ON RAISING FUNDS

MERCHANDISE

	Unrestricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Merchandising expenses	-	-	1,400
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>
Total 2023	1,400	1,400	
	<hr/> <hr/>	<hr/> <hr/>	

In 2023 all expenditure on raising funds was unrestricted.

6. ANALYSIS OF EXPENDITURE BY ACTIVITIES

	Activities undertaken directly 2024 £	Grant funding of activities (note 7) 2024 £	Support costs 2024 £	Total funds 2024 £	Total funds 2023 £
Publications and Journals	25,147	-	94,156	119,303	128,512
Meetings/Symposia	111,801	7,756	20,405	139,962	279,224
TOTAL 2024	<hr/> <hr/> 136,948	<hr/> <hr/> 7,756	<hr/> <hr/> 114,561	<hr/> <hr/> 259,265	<hr/> <hr/> 407,736
Total 2023	<hr/> <hr/> 280,270	<hr/> <hr/> 7,065	<hr/> <hr/> 120,401	<hr/> <hr/> 407,736	

In 2023 direct publication and journal activities were £30,045 and meetings/symposia were £250,225, while support costs for publications and journals were £98,467 and £21,934 for meetings/symposia.

In 2023, £4,318 of charitable expenditure was restricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

6. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)

ANALYSIS OF DIRECT COSTS

	Publications and Journals 2024 £	Meetings/ Symposia 2024 £	Total funds 2024 £	Total funds 2023 £
Wages and salaries	25,147	50,880	76,027	72,064
Printing	-	532	532	529
Proof reading and editorial costs	-	1,239	1,239	572
Online submission fees	-	399	399	2,974
Symposia	-	58,751	58,751	204,131
TOTAL 2024	25,147	111,801	136,948	280,270

ANALYSIS OF SUPPORT COSTS

	Publications and Journals 2024 £	Meetings/ Symposia 2024 £	Total funds 2024 £	Total funds 2023 £
Wages and salaries	40,936	-	40,936	38,808
Depreciation	1,606	-	1,606	1,762
Office rent	15,948	4,847	20,795	20,575
Telephone, stationery and postage	2,355	737	3,092	3,043
Computer and website costs	12,548	2,913	15,461	15,295
Travel and subsistence	313	8,194	8,507	10,437
Bank charges (including credit card fees)	1,082	2,051	3,133	5,439
Sundry expenses	918	1,663	2,581	2,404
Manufacturing of Seligman, Richardson medal, ECS, and Firn awards	2,568	-	2,568	3,945
Bookkeeping fees	5,582	-	5,582	5,792
Loss on disposal of fixed asset	-	-	-	246
(Profit) / Loss on foreign exchange	(18)	-	(18)	58
Bookkeeping fees - Governance	648	-	648	1,764
Accountancy fees - Governance	9,670	-	9,670	10,833
TOTAL 2024	94,156	20,405	114,561	120,401

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

7. ANALYSIS OF GRANTS

	Grants to Institutions 2024 £	Grants to Individuals 2024 £	Total funds 2024 £	Total funds 2023 £
Grants, Meetings/Symposia	5,759	1,997	7,756	7,065
Total 2023	<u>2,574</u>	<u>4,491</u>	<u>7,065</u>	

No grants (2023 - two grants amounting to £602) were made to individuals in the year from the Graham Cogley Award Fund.

Due to the value of grant costs, no support costs have been allocated (2023 - None).

The Charity has made the following grants to institutions during the year:

	2024 £	2023 £
NAME OF INSTITUTION		
McCarthy Summer School	3,168	-
Patagonian Icefields Research Program, Chile	2,591	-
Fundación Cricyt	-	2,648
Consultoria Y Capacitacion Cient	-	2,671
Universiteit Utrecht	-	1,144
	<u>5,759</u>	<u>6,463</u>

8. INDEPENDENT EXAMINER'S REMUNERATION

	2024 £	2023 £
Fees payable to the Charity's independent examiner in respect of:		
Independent examination of the Charity's annual accounts	3,775	3,650
Preparation of annual VAT return	620	820
All accountancy services	<u>5,275</u>	<u>6,363</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

9. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL

	2024	2023
	£	£
Wages and salaries	102,853	97,769
Social security costs	7,939	7,237
Other pension costs	6,171	5,866
	116,963	110,872

The average number of persons employed by the Charity during the year was as follows:

	2024	2023
	No.	No.
Secretary-General	1	1

The number of employees whose employee benefits (excluding employer pension costs) exceeded £60,000 was:

	2024	2023
	No.	No.
In the band £90,001 - £100,000	-	1
In the band £100,001 - £110,000	1	-

The key management personnel of the charity as at 31 December 2024 comprise the Council of Management, Secretary-General and Membership and Accounts Manager, who works 'freelance' for the IGS. The Council of Management give their time freely. No Council Member received any remuneration or benefits in kind from the charity for their duties (2023 - None). The total employee benefits including employer pension costs and employer national insurance cost of the key management personnel of the charity were £116,963 (2023 - £110,872) for the Secretary-General.

During the year, no (2023 - None) Council Members received reimbursement of expenses.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

10. TANGIBLE FIXED ASSETS

	Fixtures and fittings £	Computer equipment £	Total £
COST			
At 1 January 2024	429	14,338	14,767
At 31 December 2024	429	14,338	14,767
DEPRECIATION			
At 1 January 2024	429	11,239	11,668
Charge for the year	-	1,606	1,606
At 31 December 2024	429	12,845	13,274
NET BOOK VALUE			
At 31 December 2024	-	1,493	1,493
At 31 December 2023	-	3,099	3,099

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

11. FIXED ASSET INVESTMENTS

	Listed investments £
COST OR VALUATION	
At 1 January 2024	162,637
Revaluations	4,240
AT 31 DECEMBER 2024	<u>166,877</u>
NET BOOK VALUE	
AT 31 DECEMBER 2024	<u>166,877</u>
At 31 December 2023	<u>162,637</u>

All the fixed asset investments are held in the UK.

All investments are carried at their fair value. Holdings in common investment funds, unit trusts and open-ended investment companies are at the bid price. The basis of fair value for quoted investments is equivalent to the market value, using the bid price. Asset sales and purchases are recognised at the date of trade at cost (that is their transaction value).

The Charity manages the investment portfolio themselves and do not consider that they require the advice of an expert advisor at the present time.

The Charity does not make use of derivatives and similar complex financial instruments as it takes the view that investments are held for their longer term growth and annual income.

The Charity has no material investment holdings in markets subject to exchange controls or trading restrictions.

Investments at market value value comprises of equity investments.

12. STOCKS

	2024 £	2023 £
Merchandise for resale	<u>562</u>	<u>562</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

13. DEBTORS

	2024	2023
	£	£
Trade debtors	-	150
Other debtors	12,961	66,151
Prepayments and accrued income	7,870	12,962
	20,831	79,263
	<u><u>20,831</u></u>	<u><u>79,263</u></u>

14. CURRENT ASSET INVESTMENTS

	2024	2023
	£	£
Fixed term deposits	107,433	102,378
	<u><u>107,433</u></u>	<u><u>102,378</u></u>

15. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2024	2023
	£	£
Trade creditors	3,610	8,999
Other taxation and social security	14,496	6,166
Other creditors	1,888	1,678
Accruals and deferred income	23,598	41,627
	43,592	58,470
	<u><u>43,592</u></u>	<u><u>58,470</u></u>
	2024	2023
	£	£
Deferred income at 1 January 2024	15,854	16,428
Resources deferred during the year	13,648	15,854
Amounts released from previous periods	(15,854)	(16,428)
DEFERRED INCOME AT 31 DECEMBER 2024	13,648	15,854
	<u><u>13,648</u></u>	<u><u>15,854</u></u>

Deferred income relates to 2025 memberships subscriptions and royalties received in advance.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

16. STATEMENT OF FUNDS

STATEMENT OF FUNDS - CURRENT YEAR

	Balance at 1 January 2024 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2024 £
UNRESTRICTED FUNDS					
Unrestricted Fund	<u>402,174</u>	<u>186,895</u>	<u>(259,265)</u>	<u>4,240</u>	<u>334,044</u>
RESTRICTED FUNDS					
Restricted Funds - Graham Cogley Award Fund	<u>4,847</u>	<u>164</u>	<u>-</u>	<u>-</u>	<u>5,011</u>
TOTAL OF FUNDS	<u>407,021</u>	<u>187,059</u>	<u>(259,265)</u>	<u>4,240</u>	<u>339,055</u>

Purpose of Principal Funds

Unrestricted Fund - This represents unrestricted funds available to support the Society's charitable purpose.

Seligman Fund - In late 1962, the concept of an award for excellence in the discipline of glaciology took shape at a Council meeting in Obergurgl, Austria, in the form of a hexagonal crystal of high-quality glass named the Seligman Crystal after the Society's founder. The Seligman Fund was created to fund the award of the Seligman Crystal which is '...awarded from time to time to one who has made an outstanding scientific contribution to glaciology so that the subject is now enriched'. It is represented by net current assets.

The Graham Cogley Award Fund - This award was established in memory of Professor Graham Cogley who made substantial and enduring contributions to glaciology, in particular to the understanding and quantification of glacier mass change. Graham is also recognized for his sustained and outstanding service to the wider glaciological community, including as IGS Chief Editor between 2016 and 2018. The Graham Cogley Award recognizes excellence in glaciological research by student scientists. The award was initiated and is generously sponsored by the Cogley family and is shared between the International Glaciological Society IGS and the International Association of Cryospheric Sciences IACS, with the IGS and the IACS giving out the award in alternate years. The IGS will give out two 'Graham Cogley Awards' to students who have published papers of exceptional quality in the Journal of Glaciology or the Annals of Glaciology within the last two years. Each award will include a cash prize of CAN\$ 500 and a certificate. The awardees and their papers will be promoted online, including in the "Awards" section of the IGS web site.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

16. STATEMENT OF FUNDS (CONTINUED)

STATEMENT OF FUNDS - PRIOR YEAR

	Balance at 1 January 2023 £	Income £	Expenditure £	Transfers £	Gains/ (Losses) £	Balance at 31 December 2023 £
UNRESTRICTED FUNDS						
Unrestricted Fund	434,019	380,296	(404,818)	(3,409)	(3,914)	402,174
RESTRICTED FUNDS						
Restricted Funds - Seligman Fund	298	9	(3,716)	3,409	-	-
Restricted Funds - Graham Cogley Award Fund	5,293	156	(602)	-	-	4,847
	<u>5,591</u>	<u>165</u>	<u>(4,318)</u>	<u>3,409</u>	<u>-</u>	<u>4,847</u>
TOTAL OF FUNDS	<u><u>439,610</u></u>	<u><u>380,461</u></u>	<u><u>(409,136)</u></u>	<u><u>-</u></u>	<u><u>(3,914)</u></u>	<u><u>407,021</u></u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

17. ANALYSIS OF NET ASSETS BETWEEN FUNDS

ANALYSIS OF NET ASSETS BETWEEN FUNDS - CURRENT PERIOD

	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £
Tangible fixed assets	1,493	-	1,493
Fixed asset investments	166,877	-	166,877
Current assets	209,266	5,011	214,277
Creditors due within one year	(43,592)	-	(43,592)
TOTAL	334,044	5,011	339,055

ANALYSIS OF NET ASSETS BETWEEN FUNDS - PRIOR PERIOD

	Unrestricted funds 2023 £	Restricted funds 2023 £	Total funds 2023 £
Tangible fixed assets	3,099	-	3,099
Fixed asset investments	162,637	-	162,637
Current assets	290,590	9,165	299,755
Creditors due within one year	(54,152)	(4,318)	(58,470)
TOTAL	402,174	4,847	407,021

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

18. PENSION COMMITMENTS

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in an independently administered fund. The pension cost charge represents contributions payable by the charity to the fund and amounted to £6,171 (2023 - £5,866). Contributions totalling £1,135 (2023 - £1,080) were payable to the fund at the balance sheet date and are included in creditors.

19. OPERATING LEASE COMMITMENTS

At 31 December 2024 the Charity had commitments to make future minimum lease payments under non-cancellable operating leases as follows:

	2024	2023
	£	£
Not later than 1 year	-	12,557
	<u> </u>	<u> </u>

20. RELATED PARTY TRANSACTIONS

There were no related party transactions during the year (2023 - None).

INTERNATIONAL GLACIOLOGICAL SOCIETY

England & Wales - Charity number 231043

Accounts

INTERNATIONAL GLACIOLOGICAL SOCIETY

UNAUDITED

COUNCIL OF MANAGEMENT'S REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2023

INTERNATIONAL GLACIOLOGICAL SOCIETY

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INTERNATIONAL GLACIOLOGICAL SOCIETY

**REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND ADVISERS
FOR THE YEAR ENDED 31 DECEMBER 2023**

President

G Flowers

Vice Presidents

A Glazovski
C L Hulbe
P Heil

Immediate Past President

F J Navarro

Treasurer

A A Leeson

Council of Management

M Blaszczyk (resigned 15 June 2023)
R B Kayastha
Jing Gao
M E Hansson (resigned 15 June 2023)
J Kohler
M Huss (resigned 15 June 2023)
I Das (resigned 15 June 2023)
L Ruiz
A Sakai
R Schlegel
D M Schroeder
M Schneebeli
S H Faria (appointed 18 April 2023)
R Carr (appointed 18 April 2023)

Charity registered number

0231043

Principal office

High Cross
Madingley Road
Cambridge
Cambridge
CB3 0ET

Secretary-General

M M Magnusson

INTERNATIONAL GLACIOLOGICAL SOCIETY

**REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2023**

Accountants

Peters Elworthy & Moore
Chartered Accountants
Salisbury House
Station Road
Cambridge
CB1 2LA

Bankers

Bank of Scotland
38 St Andrew Square
Edinburgh
EH2 2YR

Bank of America
121 Moore Hopkins Lane
Columbia
South Carolina - 29210
United States of America

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2023

The Council of Management present their annual report together with the financial statements of the International Glaciological Society (the charity) for the year ending 31 December 2023. The financial statements have been prepared in accordance with the accounting policies set out in note 1 to the accounts and comply with the Charity's trust deed, the Charities Act 2011 and Accounting and Reporting by Charities: Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS102) (second edition of the Charities SORP (FRS102) October 2019).

OBJECTIVES AND ACTIVITIES

a. Policies and objectives

Main activities undertaken to further the charity's purposes for the public benefit.

In setting objectives and planning for activities, the Council of Management have given due consideration to general guidance published by the Charity Commission relating to public benefit, including the guidance 'Public benefit: running a charity (PB2)'. The International Glaciological Society is a registered charity whose charitable purpose defined within the Charities Act 2011 is as follows:

- To stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- To facilitate and increase the flow of glaciological ideas and information;
- To publish the *Journal of Glaciology*, *Annals of Glaciology*, ICE and other such publications as the Council from time to time determines; and
- To sponsor lectures, field meetings and symposia.

The Society's members, and the larger glaciology community within which they sit, contribute to the peer review process of grant proposals submitted to public and charitable grant awarding bodies, and of manuscripts submitted to the Society's journals and those of other publishers. This clearly benefits the public, ensuring that only the very best science is funded from the public and charity purses, and speedily makes it through to publication.

The Society's members have also contributed substantially to public policy documents, such as the Intergovernmental Panel on Climate Change Assessment Reports, or National Government papers, by reviewing, synthesising and summarising the scientific literature concerning climate change, its effects on all aspects of the cryosphere (snowfall, sea ice, terrestrial ice, permafrost, river and lake ice) and its human impact (on avalanche activity, ocean navigation, human livelihoods in the Arctic, changing flooding risks, water supply, industrial activity in polar regions, and sea level rise).

The Society is often asked for media comment on aspects of climate and cryosphere and is able to respond directly or, more often, direct the media to relevant experts.

The Society has a number of local branches that actively encourage informal meetings, which enable young scientists to interact with senior colleagues. The Society especially favours sponsoring of workshops and initiatives aimed at young people, such as those organised by the IGS Early career Glaciologists Group (EGG) and the International Association of Polar Early Career Scientists (APECS).

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2023

Objectives and activities (continued)

b. Strategies for achieving objectives

The strategies employed to achieve the charity's aims and objectives are to:

- Organize, stage and execute symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Co-sponsor symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Encourage and foster local groups of glaciologists to cooperate within geographical regions to further the discipline of glaciology in its widest sense;
- Concentrate on involving young and early career scientists within the wider scope of glaciology worldwide;
- Encourage the worldwide interaction and collaboration of glaciologists irrespective of gender, nationality, race and religion;
- Facilitate and encourage the publication of high quality scientific articles within the discipline of glaciology through the Society's journals, the *Journal of Glaciology* and the *Annals of Glaciology*;
- To publish a newsletter, ICE, that informs glaciologists worldwide about future symposia, meetings and workshops and to report on events that have already taken place. Publish reports from IGS correspondents worldwide and general information on IGS membership;
- Provide financial support for events that concentrate on young and early career scientists within the wide scope of glaciology worldwide;
- To maintain an international membership of glaciologists so as to be a major hub of communication between glaciologists worldwide; and
- Provide recognition for excellent contributions to the field of Glaciology through the IGS Awards: the Seligman Crystal, The Richardson Medal, Honorary Membership, the Firn Award for Mid-Career Scientists and the Graham Cogley award and the IGS Early Career Scientist Award.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2023

ACHIEVEMENTS AND PERFORMANCE

a. Main achievements of the Charity

In partnership with Cambridge University Press (CUP), during 2023 the International, in total 1873 pages (2022: a total of 89 articles, 34 letters, 3 communication and 2 corrigenda amounting to 1,398 pages; 2021: a total of 121 articles, 13 letters and 1 communication amounting to 1,639 pages; 2020: a total of 140 articles and 5 letters and 1 communication amounting to 1,790 pages; 2019: a total of 118 articles and 4 letters amounting to 1,487 pages; 2018: a total of 115 articles and 5 letter amounting to 1,451 pages).

It thus looks like we are back to pre-Covid levels.

In 2023 we were able to hold two symposia. The first one was on Sea Ice and held in Germany. It was well attended with 289 attendees, 95 (33%) of which were Early Career Scientists. The second was held in Ireland but as it was a very focused symposium, we only had 54 delegates, 12 (22%) of which were Early Career Scientists.

In 2022 we had three IGS symposia all of which had an associated thematic issue of the Annals of Glaciology but attendance of the first two symposia was low and thus not many papers were submitted to the Annals of Glaciology. The third symposium was reasonably well attended and a reasonable number of papers were submitted. The IGS was asked to publish a thematic issue of the Annals based on a symposium which the IGS sponsored along with several other organisation. That issue had a healthy number of papers published which improved the publication statistics for the Annals in 2023.

The CUP arranges the production and publication of the journals of the International Glaciological Society (IGS) on behalf of the Society meaning that all subscription and article processing charge income from the journals goes to CUP rather than the IGS. In return, CUP pays the IGS a royalty based on the income received. For 2023 this revenue was £101,394, compared to £80,895 in 2022, £126,469 in 2021, £113,227 for 2020, £74,684 for 2019 and £72,449 in 2018. The peaks in 2021 and 2020 are due to CUP introducing what used to be called a 'Read and Publish' agreement but is now referred to as 'Transformative Agreements'.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2023

Achievements and performance (continued)

b. Key performance indicators

The key performance indicators are the number of delegates attending symposia, membership numbers and pages published in the Society's journals.

During 2023 the Society sponsored two symposia and co-sponsored three.

The first was held in Bremerhaven, Germany. The theme was on 'Sea Ice across Spatial and Temporal Scales'. The total number of presentations submitted for this symposium was 318 consisting of 15 keynote, 178 oral and 125 poster presentations. The symposium was attended by 293 delegates of which 96 (33%) were students and early career scientists.

The second was held in Limerick, Ireland. The theme was on 'Edges of Glaciology'. The total number of presentations submitted for this symposium was 46 consisting of 33 oral presentations and 13 poster presentations. The symposium was attended by 54 delegates of which 12 (22%) were students and early career scientists.

The co-sponsored symposia were Glaciology of the Southern Andes, International Conference on Mountain Hydrology and Cryosphere and International Symposium on Third Pole Environment.

Further, in 2023 the IGS sponsored the IGS Branch meetings. Namely in New Zealand where they held their meeting at the beginning of February. The IGS British Branch was held at the beginning of September, this time in person. The Nordic Branch was also held in-person. We had 47 delegates and 46 abstracts, 19 of which were presented by students and early carrier scientists.

In North America, the IGS branch, Northwest Glaciologists held their meeting in October at the University of Washington, in Seattle, Washington, USA and the Northeast Glaciology branch meeting was held at the University of Main, Main, USA in April.

The International Glaciological Society's weekly seminar series, established in 2020, at the start of Covid, continued in fine form in 2023. The weekly seminar had glaciologists from all over the world present one hour seminars at 2100 GMT/BST on Wednesdays. This has continued to be hugely successful and has been very positive publicity for the Society as we can see in the dramatic increase in our following on social media. We also believe it has resulted in an increase of new members and lapsed ones renewing (although this is more difficult to confirm). Towards the end of the year, we started to hold the at a time more friendly to our colleagues in Asia, Australia, New Zealand etc. Typically, these Seminars were held in the early hours of Thursday morning, typically at 01:00 GMT. As always, all seminars are streamed on Facebook and available as a recording on YouTube.

In 2023 there were 19 seminar sessions and 34 presentations were given: several sessions were dedicated to Early Career Researchers (ECR) where three ECRs gave a presentation. We also started including a monthly Sea Ice session with 2 presentations per evening. Recordings of the sessions are available to view on YouTube and FaceBook.

The seminars have made a concerted effort to comply with the Society's policy on 'Actions on Diversity and Inclusivity'. This effort has been very successful as can be seen in the extensive and impressive list of speakers.

At present we have more than 2,300 people signed up to the Seminars with an average of 15 to 50 participants per session. We have up 995 subscribers to the IGS YouTube channel and in 2023 we had 4,696 views which equates to 261 views per session on average.

All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology. We currently have 995 subscribers to our video channel.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2023

Achievements and performance (continued)

Furthermore, the seminars are turning into a major teaching tool worldwide where glaciology students can listen to world experts in the field and put questions to them.

In partnership with Cambridge University Press, during 2023 the Society published 1528 pages in the *Journal of Glaciology* considerably more than in 2022 (1248) as 2023 was the last year we published printed copies of the *Journal* and we had obligations to print these papers hence they all had to go into the 2023 volume.

We published 345 pages in the *Annals of Glaciology* in 2023 c.f. 150 pages in 2022, an increase of 230%. The reason for the lower numbers in 2022 was a consequence of Covid.

We published three issues of *ICE* in 2023, a single issue, 188 and a double issue, 189-190 126 pages in total c.f. with 61 pages in 2022.

During 2023 the Society's paid membership reached 579 members, slightly more than the previous year (595). We did not issue any free membership to delegates registering at non-member rates for IGS symposia which would boost our membership. Thus the 2023 memberships are directly comparable to the numbers published in last year's report i.e. the 'total' membership is the same as the 'paid' membership.

c. Review of activities

The Society carried out the following activities during the year:

- Published two scientific journals, both dedicated to glaciology in its widest content i.e. the study of snow and ice in all its forms.
- Specific activities related to the above objects are largely addressed through symposia identified under the section below.
- Maintained a global network of National Correspondents to report on snow and ice research activities in their area, in our newsletter, *ICE*.
- Maintained and serviced the IGS membership of 579 members worldwide.
- In partnership with Cambridge University Press, published three issues of the *Annals of Glaciology*, Volume 64 2023 (issues 90, 91 and 92).
- In partnership with Cambridge University Press, published three issues of the *Annals of Glaciology*, Volume 64 2023 (issues 90, 91 and 92).
- Reviewed and accepted papers for the *Annals of Glaciology*, Volume 65.
- Published one single issue and one double issue of *ICE*, numbers 188 and 189190.

Publishing

- In partnership with Cambridge University Press, published six issues of the *Journal of Glaciology*, Volume 69 (issues 273, 274, 275, 276, 277 and 278).
- Reviewed and accepted papers for the *Journal of Glaciology*, Volume 70.
- In partnership with Cambridge University Press, published three issues of the *Annals of Glaciology*, Volume 64 2023 (issues 90, 91 and 92).
- Reviewed and accepted papers for the *Annals of Glaciology*, Volume 65.
- Published one single issue and one double issue of *ICE*, numbers 188 and 189190.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2023**

Achievements and performance (continued)

Symposia and meetings

During 2023 the Society sponsored two symposia and co-sponsored two. We also co-sponsored two postgraduate summer schools.

- Bremerhaven, Germany. The theme was on 'Sea Ice across Spatial and Temporal Scales'.
- Limerick, Ireland. The theme was on 'Edges of Glaciology'.
- Co-sponsored the International Symposium on Third Pole Environment held in Chongqing, China.
- Co-sponsored the International Conference on Mountain Hydrology and Cryosphere held in Kathmandu and Dhulikhel, Nepal.
- Co-sponsored 5th edition of the postgraduate course Glaciology of the Southern Andes. It was held in Argentina.
- Co-sponsored the Karthaus Summer School held in Karthaus (Northern Italy)

Further we sponsored the various IGS Branch meetings:

- New Zealand at the beginning of February at Coronet Peak near Queenstown.
- The IGS British Branch was held in Edinburgh at the beginning of September.
- The Nordic Branch, held in October in Helsinki, Finland.
- IGS branch, Northwest Glaciologists held their meeting in October at the University of Washington, in Seattle, Washinton, USA.
- Northeast Glaciology branch meeting was held at University of Main, Main, USA in April.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2023**

FINANCIAL REVIEW**a. Going concern**

After making appropriate enquiries, the Council of Management have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason, they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the accounting policies and the plans for future periods section within the Council of Management's report.

b. Reserves policy

At 31 December 2023 the free reserves of the charity (unrestricted reserves less tangible fixed assets) amounted to £399,075 (2022: £433,220 as restated).

Council has formulated a policy to establish a financial base from which the activities at the present level would be secure in the event of future financial difficulties. In particular, its aim is to:

- build up sufficient reserves to meet one year's running costs, including salaries, office overheads and estimated statutory redundancy costs; and
- build up reserves equivalent to two years of Cambridge University Press royalties in order to give ample time to find alternative sources of finance, should the need arise.

Based on the above, reserves required are approximately £492,000 compared to free reserves held of £399,075. The Trustees will continue to monitor the policy in light of spending commitments and the current economic uncertainty.

c. Financial Review

The results for the year are set out in the attached financial statements.

Total income amounted to £380,461 (2022: £261,425) which, after expenditure of £409,136 (2022: £296,173 as restated) resulted in a net deficit before investment gains/losses of £28,675 (2022: deficit of £34,748 as restated). The unrealised loss on the revaluation of fixed asset investments amounted to £3,914 (2022: unrealised loss of £9,824), resulting in a net decrease in funds of £32,589 (2022: decrease of £44,572 as restated).

At the end of the year the Society had net assets of £407,021 compared with £439,610 (as restated) at the end of the previous year, of which £5,154 (2022: £5,591) is restricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2023**

d. Principal risks and uncertainties

The Council of Management has examined the major strategic, business and operational risks which the charity faces. The major risk to the finances of the IGS remains that in the wake of entering into partnership with Cambridge University Press (CUP) and the subsequent loss of page charge and subscription income. The CUP royalty is predominately dependent upon the number of accepted papers to be published in the Society's journals. A reduction in the number of papers published is reflected in a reduction in the amount received from the CUP and vice versa. In 2023 the royalties from CUP amounted to £101,895 compared to £80,895 in 2022 and to £126,469 in 2021.

As mentioned above, the peaks in 2021 and 2020 are due to CUP introducing what used to be called a 'Read and Publish' agreement but is now referred to as 'Transformative Agreements'. The income from the 'Transformative Agreements' has now levelled out but the increase in articles published in 2023 helped to increase the revenue we received from the CUP.

For this reason, Council has determined a reserves policy as set out above. Systems have been established to enable regular reports to be produced so that the necessary steps can be taken to lessen the impact of the risks.

e. Principal funding

Since the commencement of the publishing partnership with Cambridge University Press (CUP), the source of the Society's principal funding has changed from the sales of publications, author processing charges (APCs) and membership fees to royalties from CUP, membership fees, symposia registration fees and to a small extent the sale of ICE and merchandise.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2023

STRUCTURE, GOVERNANCE AND MANAGEMENT

a. Constitution

The International Glaciological Society was founded in 1936 and was registered as a charity in 1961.

The constitution of the Society was approved at a Special General Meeting held in Cambridge on 6 January 1962 and subsequently amended on 22 February 1968, 1 January 1972, 6 April 1977, 31 July 1985, 5 July 1989 and 14 October 1992. Under the constitution the affairs of the Society, which is a registered charity (number 231043), are managed by a Council of Management and a Secretary General appointed by the Council. An amended constitution was accepted by the IGS Annual General Meeting held in Oslo, Norway, on 5 November 2021. It was then submitted to the general membership and the results of that voting was received in March 2022. The amended Constitution was then submitted online to the Charity Commission which approved the amendments. The Society is now operating according to the amended constitution.

b. Methods of appointment or election of Council of Management

Council members are elected at an Annual General Meeting and may hold office for a term not exceeding three years without further election. This Council shall have power to co-opt not more than three extra members. Six members of the Council shall form a quorum.

At the AGM held online in June 2023 the following the following members retired from Council: Christina Hulbe (New Zealand), Vice President; Malgorzata Blaszczyk; Margareta E. Hansson (Sweden), Mattias Huss (Switzerland), Indrani Das (USA) and Dustin Schroeder (USA), elected members.

At the same AGM meeting the following members were elected to Council: Sérgio Faria (Spain/Brazil), Rachel Carr (UK) and Dustin Schroeder (USA).

The reason fewer member joined the Council than those members that retired is because the amended Constitution reduced the number of Council members from 18 to 15.

The IGS Council composition as of 15 June 2023 is thus:

G. Flowers (President)

P. Heil (Vice President)

A. Glazovski (Vice President)

A.A. Leeson (Treasurer)

F.J. Navarro (Immediate Past President)

R. Bhakta Kayasth

Rachel Carr

Jing Gao

Sérgio Faria

J. Kohler

L. Ruiz

A. Sakai

R. Schlegel

M. Schneebeli

D.M. Schroeder

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2023

Structure, governance and management (continued)

c. Organisational structure and decision-making policies

Council determines the general policy of the Society. The day-to-day affairs of the Society are run by the Secretary General.

d. Pay policy for key management personnel

The senior management team in charge of directing and controlling, running and operating the Society on a day to day basis together with the Council of Management comprise the key management personnel of the charity.

Secretary General M M Magnússon

The pay of the senior staff is reviewed annually and normally increased in accordance with average earnings and the change in the 'Retail Price Index' over the past year.

In view of the nature of the charity, the benchmark is set against pay levels in other similar learned societies with a charity status of a similar size. In addition, a review of similar jobs on the open market is taken into account. The remuneration paid for similar roles is adjusted in view of any additional responsibilities. Being a small charity, it is necessary for staff to assume responsibilities for several tasks, thus requiring very adaptable individuals willing and able to take this on.

PLANS FOR FUTURE PERIODS

During 2024 the Society plans to carry out the following activities:

- Support activities required by Council and the Officers of the Society.
- Publish *Journal of Glaciology* – Volume 69, (as of 1 January 2024 there will not be any individual issues) in partnership with Cambridge University Press.
- Publish *Annals of Glaciology* – Volume 65: containing papers from the thematic symposia
 - 'Sea Ice across Spatial and Temporal Scales'
 - 'Edges of Glaciology'
- Prepare the publication of *Annals of Glaciology* – Volume 66: containing papers from the thematic symposium.
 - 'Verification and Validation of Cryospheric Models'
 All in partnership with Cambridge University Press.
- Publish ICE – Numbers 191, 192 and 193.
- Prepare the publication of ICE 194.
- Undertake preparatory work for future symposia 2025 (UK, USA & Germany) and beyond; 2026 (USA & Germany).
- Continue to encourage and support the principles of 'Equality, Diversity and Inclusivity' within the Society and the glaciological community.
- Continue to improve the new website for IGS and ensure the implementation is according with the wishes of our membership. Develop the IGS membership web page to further improve the 'value' of IGS membership.
- Continue to improve the new IGS Connect membership and events platform and thus improve the various accounting, banking and transaction procedures of the Society.
- Continue to support and maintain the IGS Global Seminar Series. Maintain and the associated IGS YouTube channel.
- Continue to develop the Society's presence on social media.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2023**

Statement of Council of Management's responsibilities

The Council of Management are responsible for preparing the Council of Management's report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Council of Management to prepare financial statements for each financial year, which give a true and fair view of the state of affairs of the Charity and of its incoming resources and application of resources, including its income and expenditure, for that period. In preparing these financial statements, the Council of Management are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles of the Charities SORP (FRS 102);
- make judgments and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards (FRS 102) have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in business.

The Council of Management are responsible for keeping adequate accounting records that are sufficient to show and explain the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Constitution. They are also responsible for safeguarding the assets of the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the board of Council of Management and signed on their behalf by:

Gwen Flowers
.....
G Flowers
President

Date: 25 October 2024

INTERNATIONAL GLACIOLOGICAL SOCIETY

INDEPENDENT EXAMINER'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2023

INDEPENDENT EXAMINER'S REPORT TO THE COUNCIL OF MANAGEMENT OF INTERNATIONAL GLACIOLOGICAL SOCIETY ('the Charity')

I report to the charity Council of Management on my examination of the accounts of the Charity for the year ended 31 December 2023.

RESPONSIBILITIES AND BASIS OF REPORT

As the Council of Management of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

INDEPENDENT EXAMINER'S STATEMENT

Since the Charity's gross income exceeded £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of Institute of Chartered Accountants in England and Wales, which is one of the listed bodies.

Your attention is drawn to the fact that the Charity has prepared the accounts in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) in preference to the Accounting and Reporting by Charities: Statement of Recommended Practice issued on 1 April 2005 which is referred to in the extant regulations but has been withdrawn.

I understand that this has been done in order for the accounts to provide a true and fair view in accordance with the Generally Accepted Accounting Practice effective for reporting periods beginning on or after 1 January 2015.

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**INDEPENDENT EXAMINER'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2023**

This report is made solely to the Charity's Council of Management, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Council of Management those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Council of Management as a body, for my work or for this report.

Signed: *Michael Hewett*

Dated: 28 October 2024

Michael Hewett

FCA DChA

Peters Elworthy & Moore, Salisbury House, Station Road, Cambridge, CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

**STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 DECEMBER 2023**

	Note	Unrestricted funds 2023 £	Restricted funds 2023 £	Total funds 2023 £	As restated Total funds 2022 £
INCOME FROM:					
Donations	3	-	-	-	10
Charitable activities	4	365,908	-	365,908	251,906
Other trading activities		78	-	78	16
Investments	5	14,310	165	14,475	9,493
TOTAL INCOME		380,296	165	380,461	261,425
EXPENDITURE ON:					
Raising funds	6	1,400	-	1,400	318
Charitable activities	7	403,418	4,318	407,736	295,855
TOTAL EXPENDITURE		404,818	4,318	409,136	296,173
NET EXPENDITURE BEFORE NET LOSSES ON INVESTMENTS					
		(24,522)	(4,153)	(28,675)	(34,748)
Net losses on investments	12	(3,914)	-	(3,914)	(9,824)
NET EXPENDITURE		(28,436)	(4,153)	(32,589)	(44,572)
Transfers between funds	18	(3,409)	3,409	-	-
NET MOVEMENT IN FUNDS		(31,845)	(744)	(32,589)	(44,572)
RECONCILIATION OF FUNDS:					
Total funds brought forward	18	434,019	5,591	439,610	484,182
Net movement in funds	18	(31,845)	(744)	(32,589)	(44,572)
TOTAL FUNDS CARRIED FORWARD	18	402,174	4,847	407,021	439,610

The notes on pages 18 to 36 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**BALANCE SHEET
AS AT 31 DECEMBER 2023**

	Note	2023 £	As restated 2022 £
FIXED ASSETS			
Tangible assets	11	3,099	799
Investments	12	162,637	166,551
		<u>165,736</u>	<u>167,350</u>
CURRENT ASSETS			
Stocks	13	562	1,990
Debtors	14	79,263	40,331
Investments	15	102,378	202,431
Cash at bank and in hand		117,552	127,109
		<u>299,755</u>	<u>371,861</u>
Creditors: amounts falling due within one year	16	(58,470)	(99,601)
NET CURRENT ASSETS		<u>241,285</u>	<u>272,260</u>
TOTAL NET ASSETS		<u>407,021</u>	<u>439,610</u>
CHARITY FUNDS			
Restricted funds	18	4,847	5,591
Unrestricted funds	18	402,174	434,019
TOTAL FUNDS		<u>407,021</u>	<u>439,610</u>

The financial statements were approved and authorised for issue by the Council of Management and signed on their behalf by:

Gwen Flowers

.....
G Flowers
President

Date: 25 October 2024

The notes on pages 18 to 36 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

1. ACCOUNTING POLICIES**1.1 BASIS OF PREPARATION OF FINANCIAL STATEMENTS**

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (second edition of the Charities SORP (FRS102) October 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the Charities SORP (FRS 102) published on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

International Glaciological Society meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

1.2 FUND ACCOUNTING

General funds are unrestricted funds which are available for use at the discretion of the Council of Management in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

1.3 GOING CONCERN

The Council of Management have reviewed the financial position of the Charity and have a reasonable expectation that the charity has adequate resources to continue in operational existence for the foreseeable future. Accordingly, the financial statements continue to be prepared on the going concern basis.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

1. ACCOUNTING POLICIES (CONTINUED)**1.4 INCOME**

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Dividends are recognised once the dividend has been declared and notification has been received of the dividend due. Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the charity; this is normally upon notification of the interest paid or payable by the bank.

Income in relation to the publication of Journals and Annals is recognised at the later of the publication date or receipt of a sales order.

Royalty income is recognised in the period to which it relates.

Other income is recognised in the period in which it is receivable and to the extent the goods have been provided or on completion of the service.

1.5 EXPENDITURE

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources. Central staff costs are allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use.

Governance costs are those incurred in connection with administration of the charity and compliance with constitutional and statutory requirements. These are apportioned between activities on a basis consistent with the use of resources.

Costs of generating funds are merchandise costs. No support costs are allocated to fundraising as they are considered immaterial.

All expenditure is inclusive of irrecoverable VAT.

1.6 FINANCIAL INSTRUMENTS

The Charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

1. ACCOUNTING POLICIES (CONTINUED)**1.7 INVESTMENTS**

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance Sheet date, unless fair value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and shown in the heading 'Gains/(losses) on investments' in the Statement of Financial Activities.

1.8 CURRENT INVESTMENT

Current asset investments represent cash held on deposit with a maturity date of less than one year which is being held for investment purposes rather than to meet short term cash commitments as they fall due.

1.9 TANGIBLE FIXED ASSETS AND DEPRECIATION

Tangible fixed assets costing £250 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

Tangible fixed assets are carried at cost, net of depreciation and any provision for impairment. Depreciation is charged so as to allocate the cost of tangible fixed assets less their residual value over their estimated useful lives.

Depreciation is provided on the following bases:

Fixtures and fittings	- 33.33% straight line
Computer equipment	- 33.33% straight line

1.10 STOCKS

Stocks are valued at the lower of cost and net realisable value after making due allowance for obsolete and slow-moving stocks.

1.11 DEBTORS

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

1.12 CASH AT BANK AND IN HAND

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

1. ACCOUNTING POLICIES (CONTINUED)**1.13 LIABILITIES AND PROVISIONS**

Liabilities are recognised when there is an obligation at the balance sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the statement of financial activities as a finance cost.

1.14 OPERATING LEASES

Rentals paid under operating leases are charged to the statement of financial activities on a straight line basis over the lease term. The COVID-19 related rent concession has been accounted for inline with FRS102.

1.15 FOREIGN CURRENCIES

Monetary assets and liabilities denominated in foreign currencies are translated into sterling at rates of exchange ruling at the reporting date.

Transactions in foreign currencies are translated into sterling at the rate ruling on the date of the transaction.

Exchange gains and losses are recognised in the statement of financial activities.

1.16 PENSIONS

The Charity operates a defined contribution pension scheme and the pension charge represents the amounts payable by the Charity to the fund in respect of the year.

2. Critical accounting estimates and areas of judgment

Estimates and judgments are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Critical accounting estimates and assumptions:

The Charity makes estimates and assumptions concerning the future. The resulting accounting estimates and assumptions will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

The trustees do not consider there are any critical judgements or sources of estimation uncertainty requiring disclosure beyond the accounting policies listed above.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

3. INCOME FROM DONATIONS

	Unrestricted funds 2023 £	Total funds 2023 £	Total funds 2022 £
Donations	-	-	10
	<u> </u>	<u> </u>	<u> </u>
Total 2022	10	10	
	<u> </u>	<u> </u>	

In 2022 all income from donations was unrestricted.

4. INCOME FROM CHARITABLE ACTIVITIES

	Unrestricted funds 2023 £	Total funds 2023 £	Total funds 2022 £
Journal, Ice and books	2,173	2,173	3,692
Meetings and Symposia	217,250	217,250	140,586
Membership	25,542	25,542	26,732
CUP Royalty	120,943	120,943	80,896
	<u> </u>	<u> </u>	<u> </u>
TOTAL 2023	365,908	365,908	251,906
	<u> </u>	<u> </u>	
Total 2022	251,906	251,906	
	<u> </u>	<u> </u>	

In 2022 all income from charitable activities was unrestricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

5. INVESTMENT INCOME

	Unrestricted funds 2023 £	Restricted funds 2023 £	Total funds 2023 £	Total funds 2022 £
Dividends and interest (gross)	9,525	-	9,525	9,241
Bank deposit interest	4,785	165	4,950	252
TOTAL 2023	<u>14,310</u>	<u>165</u>	<u>14,475</u>	<u>9,493</u>
Total 2022	<u>9,327</u>	<u>166</u>	<u>9,493</u>	

6. EXPENDITURE ON RAISING FUNDS

MERCHANDISE

	Unrestricted funds 2023 £	Total funds 2023 £	Total funds 2022 £
Merchandising expenses	1,400	1,400	318
Total 2022	<u>318</u>	<u>318</u>	

In 2022 all expenditure on raising funds was unrestricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES

	Activities undertaken directly 2023 £	Grant funding of activities (note 8) 2023 £	Support costs 2023 £	Total funds 2023 £	As restated Total funds 2022 £
Publications and Journals	30,045	-	98,467	128,512	124,584
Meetings/Symposia	250,225	7,065	21,934	279,224	171,271
TOTAL 2023	<u>280,270</u>	<u>7,065</u>	<u>120,401</u>	<u>407,736</u>	<u>295,855</u>
Total 2022 as restated	<u>187,836</u>	<u>2,574</u>	<u>105,445</u>	<u>295,855</u>	

In 2022 direct publication and journal activities were £38,587 and meetings/symposia were £98,802, while support costs for publications and journals were £85,997 and £19,448 for meetings/symposia.

In 2022, £3,109 of charitable expenditure was restricted.

ANALYSIS OF DIRECT COSTS

	Publications and Journals 2023 £	Meetings/ Symposia 2023 £	Total funds 2023 £	As restated Total funds 2022 £
Wages and salaries	30,045	42,019	72,064	63,424
Printing	-	529	529	1,582
Proof reading and editorial costs	-	572	572	335
Distribution expenses	-	-	-	79
Online submission fees etc	-	2,974	2,974	1,699
Symposia	-	204,131	204,131	120,717
TOTAL 2023	<u>30,045</u>	<u>250,225</u>	<u>280,270</u>	<u>187,836</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES (continued)
ANALYSIS OF SUPPORT COSTS

	Publications and Journals 2023 £	Meetings/ Symposia 2023 £	Total funds 2023 £	Total funds 2022 £
Wages and salaries	38,808	-	38,808	34,153
Depreciation	1,762	-	1,762	927
Office rent	16,358	4,217	20,575	15,535
Telephone, stationery and postage	2,294	749	3,043	3,581
Computer and website costs	12,382	2,913	15,295	16,075
Travel and subsistence	1,174	9,263	10,437	8,753
Bank charges (including credit card fees)	1,071	4,368	5,439	5,045
Sundry expenses	1,980	424	2,404	2,135
Manufacturing of Seligman, Richardson medal, ECS, and Firn awards	3,945	-	3,945	3,109
Richardson medal costs	-	-	-	141
Bookkeeping fees	5,792	-	5,792	6,409
Loss on disposal of fixed asset	246	-	246	-
(Profit) / Loss on foreign exchange	58	-	58	(998)
Bookkeeping fees - Governance	1,764	-	1,764	2,080
Accountancy fees - Governance	10,833	-	10,833	8,500
TOTAL 2023	98,467	21,934	120,401	105,445

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

8. ANALYSIS OF GRANTS

	Grants to Institutions 2023 £	Grants to Individuals 2023 £	Total funds 2023 £	Total funds 2022 £
Grants, Meetings/Symposia	6,463	602	7,065	2,574
Total 2022	<u>2,574</u>	<u>-</u>	<u>2,574</u>	

Two grants amounting to £602 (2022: None) were made to individuals in the year from the Graham Cogley Award Fund.

Due to the value of grant costs, no support costs have been allocated (prior year: none).

The Charity has made the following grants to institutions during the year:

NAME OF INSTITUTION	2023 £	2022 £
Universiteit Utrecht	1,144	2,074
Uppsala University	-	500
Fundación Cricyt	2,648	-
Consultoria Y Capacitacion Cient	2,671	-
	<u>6,463</u>	<u>2,574</u>

9. INDEPENDENT EXAMINER'S REMUNERATION

	2023 £	2022 £
Fees payable to the Charity's independent examiner in respect of:		
Independent examination of the Charity's annual accounts	3,650	3,500
Preparation of annual VAT return	820	-
All accountancy services	<u>6,363</u>	<u>5,000</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

10. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL

	2023	2022
	£	£
Wages and salaries	97,769	86,216
Social security costs	7,237	6,188
Other pension costs	5,866	5,173
	110,872	97,577

The average number of persons employed by the Charity during the year was as follows:

	2023	2022
	No.	No.
Secretary-General	1	1

The number of employees whose employee benefits (excluding employer pension costs) exceeded £60,000 was:

	2023	2022
	No.	No.
In the band £80,001 - £90,000	-	1
In the band £90,001 - £100,000	1	-

The key management personnel of the charity as at 31 December 2023 comprise the Council of Management, Secretary-General and Membership and Accounts Manager, who works 'freelance' for the IGS. The Council of Management give their time freely. No Council Member received any remuneration or benefits in kind from the charity for their duties (2022 - None). The total employee benefits including employer pension costs and employer national insurance cost of the key management personnel of the charity were £110,872 (2022 - £97,577) for the Secretary-General.

During the year, no (2022 - None) Council Members received reimbursement of expenses.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

11. TANGIBLE FIXED ASSETS

	Fixtures and fittings £	Computer equipment £	Total £
COST			
At 1 January 2023	1,619	9,515	11,134
Additions	-	4,823	4,823
Disposals	(1,190)	-	(1,190)
At 31 December 2023	<u>429</u>	<u>14,338</u>	<u>14,767</u>
DEPRECIATION			
At 1 January 2023	858	9,477	10,335
Charge for the year	-	1,762	1,762
On disposals	(429)	-	(429)
At 31 December 2023	<u>429</u>	<u>11,239</u>	<u>11,668</u>
NET BOOK VALUE			
At 31 December 2023	<u>-</u>	<u>3,099</u>	<u>3,099</u>
At 31 December 2022	<u>761</u>	<u>38</u>	<u>799</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

12. FIXED ASSET INVESTMENTS

	Listed investments £
VALUATION	
At 1 January 2023	166,551
Revaluations	(3,914)
AT 31 DECEMBER 2023	162,637
 NET BOOK VALUE	
AT 31 DECEMBER 2023	162,637
At 31 December 2022	166,551

All the fixed asset investments are held in the UK.

All investments are carried at their fair value. Holdings in common investment funds, unit trusts and open-ended investment companies are at the bid price. The basis of fair value for quoted investments is equivalent to the market value, using the bid price. Asset sales and purchases are recognised at the date of trade at cost (that is their transaction value).

The Charity manages the investment portfolio themselves and do not consider that they require the advice of an expert advisor at the present time.

The Charity does not make use of derivatives and similar complex financial instruments as it takes the view that investments are held for their longer term growth and annual income.

The Charity has no material investment holdings in markets subject to exchange controls or trading restrictions.

Investments at market value value comprises of equity investments.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

13. STOCKS

	2023	2022
	£	£
Merchandise for resale	562	1,990

14. DEBTORS

	2023	2022
	£	£
Trade debtors	150	-
Other debtors	66,151	34,306
Prepayments and accrued income	12,962	6,025
	79,263	40,331

15. CURRENT ASSET INVESTMENTS

	2023	2022
	£	£
Fixed term deposits	102,378	202,431

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

16. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2023	As restated 2022
	£	£
Trade creditors	8,999	8,376
Other taxation and social security	6,166	11,697
Other creditors	1,678	1,997
Accruals and deferred income	41,627	77,531
	<u>58,470</u>	<u>99,601</u>
	<u>2023</u>	<u>2022</u>
	£	£
Deferred income at 1 January 2023	16,428	19,327
Resources deferred during the year	15,854	16,428
Amounts released from previous periods	(16,428)	(19,327)
DEFERRED INCOME AT 31 DECEMBER 2021	<u>15,854</u>	<u>16,428</u>

Deferred income relates to 2024 memberships subscriptions and royalties received in advance.

17. PRIOR YEAR ADJUSTMENTS

An adjustment has been made to accruals and direct symposium costs amounting to £50,447 in the 2022 comparatives in respect of material direct costs which were not accrued for as at 31 December 2022. An equivalent adjustment has been made to opening unrestricted reserves as at 1 January 2023.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

18. STATEMENT OF FUNDS

STATEMENT OF FUNDS - CURRENT YEAR

	Balance at 1 January 2023 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2023 £
UNRESTRICTED FUNDS						
Unrestricted Fund	434,019	380,296	(404,818)	(3,409)	(3,914)	402,174
RESTRICTED FUNDS						
Restricted Funds - Seligman Fund	298	9	(3,716)	3,409	-	-
Restricted Funds - Graham Cogley Award Fund	5,293	156	(602)	-	-	4,847
	<u>5,591</u>	<u>165</u>	<u>(4,318)</u>	<u>3,409</u>	<u>-</u>	<u>4,847</u>
TOTAL OF FUNDS	<u><u>439,610</u></u>	<u><u>380,461</u></u>	<u><u>(409,136)</u></u>	<u><u>-</u></u>	<u><u>(3,914)</u></u>	<u><u>407,021</u></u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

18. STATEMENT OF FUNDS (CONTINUED)

Purpose of Principal Funds

Unrestricted Fund - This represents unrestricted funds available to support the Society's charitable purpose.

Seligman Fund - In late 1962, the concept of an award for excellence in the discipline of glaciology took shape at a Council meeting in Obergurgl, Austria, in the form of a hexagonal crystal of high-quality glass named the Seligman Crystal after the Society's founder. The Seligman Fund was created to fund the award of the Seligman Crystal which is '...awarded from time to time to one who has made an outstanding scientific contribution to glaciology so that the subject is now enriched'. It is represented by net current assets.

The Graham Cogley Award Fund - This award was established in memory of Professor Graham Cogley who made substantial and enduring contributions to glaciology, in particular to the understanding and quantification of glacier mass change. Graham is also recognized for his sustained and outstanding service to the wider glaciological community, including as IGS Chief Editor between 2016 and 2018. The Graham Cogley Award recognizes excellence in glaciological research by student scientists. The award was initiated and is generously sponsored by the Cogley family and is shared between the International Glaciological Society IGS and the International Association of Cryospheric Sciences IACS, with the IGS and the IACS giving out the award in alternate years. The IGS will give out two 'Graham Cogley Awards' to students who have published papers of exceptional quality in the Journal of Glaciology or the Annals of Glaciology within the last two years. Each award will include a cash prize of CAN\$ 500 and a certificate. The awardees and their papers will be promoted online, including in the "Awards" section of the IGS web site.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

18. STATEMENT OF FUNDS (CONTINUED)

STATEMENT OF FUNDS - PRIOR YEAR

	Balance at 1 January 2022 £	Income £	Expenditure £	Gains/ (Losses) £	As restated Balance at 31 December 2022 £
UNRESTRICTED FUNDS					
Unrestricted Fund	475,648	261,259	(293,064)	(9,824)	434,019
	<u>475,648</u>	<u>261,259</u>	<u>(293,064)</u>	<u>(9,824)</u>	<u>434,019</u>
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	3,342	65	(3,109)	-	298
Restricted Funds - Graham Cogley Award Fund	5,192	101	-	-	5,293
	<u>8,534</u>	<u>166</u>	<u>(3,109)</u>	<u>-</u>	<u>5,591</u>
TOTAL OF FUNDS	<u><u>484,182</u></u>	<u><u>261,425</u></u>	<u><u>(296,173)</u></u>	<u><u>(9,824)</u></u>	<u><u>439,610</u></u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

19. ANALYSIS OF NET ASSETS BETWEEN FUNDS

ANALYSIS OF NET ASSETS BETWEEN FUNDS - CURRENT YEAR

	Unrestricted funds 2023 £	Restricted funds 2023 £	Total funds 2023 £
Tangible fixed assets	3,099	-	3,099
Fixed asset investments	162,637	-	162,637
Current assets	290,590	9,165	299,755
Creditors due within one year	(54,152)	(4,318)	(58,470)
TOTAL	<u>402,174</u>	<u>4,847</u>	<u>407,021</u>

ANALYSIS OF NET ASSETS BETWEEN FUNDS - PRIOR YEAR

	As restated Unrestricted funds 2022 £	Restricted funds 2022 £	As restated Total funds 2022 £
Tangible fixed assets	799	-	799
Fixed asset investments	166,551	-	166,551
Current assets	366,270	5,591	371,861
Creditors due within one year	(99,601)	-	(99,601)
TOTAL	<u>434,019</u>	<u>5,591</u>	<u>439,610</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2023**

20. PENSION COMMITMENTS

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in an independently administered fund. The pension cost charge represents contributions payable by the charity to the fund and amounted to £5,866 (2022 - £5,173). Contributions totalling £1,080 (2022 - £952) were payable to the fund at the balance sheet date and are included in creditors.

21. OPERATING LEASE COMMITMENTS

At 31 December 2023 the Charity had commitments to make future minimum lease payments under non-cancellable operating leases as follows:

	2023	2022
	£	£
Not later than 1 year	12,557	15,703
Later than 1 year and not later than 5 years	-	11,777
	12,557	27,480

22. RELATED PARTY TRANSACTIONS

There were no related party transactions during the year (2022 - None).

INTERNATIONAL GLACIOLOGICAL SOCIETY

England & Wales - Charity number 231043

Accounts

INTERNATIONAL GLACIOLOGICAL SOCIETY

UNAUDITED

COUNCIL OF MANAGEMENT'S REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2022

INTERNATIONAL GLACIOLOGICAL SOCIETY

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INTERNATIONAL GLACIOLOGICAL SOCIETY

**REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND ADVISERS
FOR THE YEAR ENDED 31 DECEMBER 2022**

President
G Flowers
Vice Presidents
A Glazovskiy
C L Hulbe
P Heil

Immediate Past President
F J Navarro

Treasurer
A A Leeson

Council of Management

M Blaszczyk
R B Kayastha
Jing Gao
M E Hansson
J Kohler
M Huss
I Das
L Ruiz
A Sakai
R Schlegel
D M Schroeder
M Schneebeli

Charity registered number

0231043

Principal office

High Cross
Madingley Road
Cambridge
Cambridge
CB3 0ET

Secretary-General

M M Magnusson

Accountants

Peters Elworthy & Moore
Chartered Accountants
Salisbury House
Station Road
Cambridge
CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

**REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

Bankers

Bank of Scotland
38 St Andrew Square
Edinburgh
EH2 2YR

Bank of America
121 Moore Hopkins Lane
Columbia
South Carolina - 29210
United States of America

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2022

The Council of Management present their annual report together with the financial statements of the International Glaciological Society (the charity) for the year ending 31 December 2022. The financial statements have been prepared in accordance with the accounting policies set out in note 1 to the accounts and comply with the Charity's trust deed, the Charities Act 2011 and Accounting and Reporting by Charities: Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS102) (second edition of the Charities SORP (FRS102) October 2019).

OBJECTIVES AND ACTIVITIES

a. Policies and objectives

Main activities undertaken to further the charity's purposes for the public benefit.

In setting objectives and planning for activities, the Council of Management have given due consideration to general guidance published by the Charity Commission relating to public benefit, including the guidance 'Public benefit: running a charity (PB2)'. The International Glaciological Society is a registered charity whose charitable purpose defined within the Charities Act 2011 is as follows:

- To stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- To facilitate and increase the flow of glaciological ideas and information;
- To publish the *Journal of Glaciology*, *Annals of Glaciology*, ICE and other such publications as the Council from time to time determines; and
- To sponsor lectures, field meetings and symposia.

The Society's members, and the larger glaciology community within which they sit, contribute to the peer review process of grant proposals submitted to public and charitable grant awarding bodies, and of manuscripts submitted to the Society's journals and those of other publishers. This clearly benefits the public, ensuring that only the very best science is funded from the public and charity purses, and speedily makes it through to publication.

The Society's members have also contributed substantially to public policy documents, such as the Intergovernmental Panel on Climate Change Assessment Reports, or National Government papers, by reviewing, synthesising and summarising the scientific literature concerning climate change, its effects on all aspects of the cryosphere (snowfall, sea ice, terrestrial ice, permafrost, river and lake ice) and its human impact (on avalanche activity, ocean navigation, human livelihoods in the Arctic, changing flooding risks, water supply, industrial activity in polar regions, and sea level rise).

The Society is often asked for media comment on aspects of climate and cryosphere and is able to respond directly or, more often, direct the media to relevant experts.

The Society has a number of local branches that actively encourage informal meetings, which enable young scientists to interact with senior colleagues. The Society especially favours sponsoring of workshops and initiatives aimed at young people, such as those organised by the IGS Early career Glaciologists Group (EGG) and the International Association of Polar Early Career Scientists (APECS).

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2022

Objectives and activities (continued)

b. Strategies for achieving objectives

The strategies employed to achieve the charity's aims and objectives are to:

- Organize, stage and execute symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Co-sponsor symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Encourage and foster local groups of glaciologists to cooperate within geographical regions to further the discipline of glaciology in its widest sense;
- Concentrate on involving young and early career scientists within the wider scope of glaciology worldwide;
- Encourage the worldwide interaction and collaboration of glaciologists irrespective of gender, nationality, race and religion;
- Facilitate and encourage the publication of high quality scientific articles within the discipline of glaciology through the Society's journals, the *Journal of Glaciology* and the *Annals of Glaciology*;
- To publish a newsletter, ICE, that informs glaciologists worldwide about future symposia, meetings and workshops and to report on events that have already taken place. Publish reports from IGS correspondents worldwide and general information on IGS membership;
- Provide financial support for events that concentrate on young and early career scientists within the wide scope of glaciology worldwide;
- To maintain an international membership of glaciologists so as to be a major hub of communication between glaciologists worldwide; and
- Provide recognition for excellent contributions to the field of Glaciology through the IGS Awards: the Seligman Crystal, The Richardson Medal, Honorary Membership and the Graham Cogley award and the IGS Early Career Scientist Award.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

ACHIEVEMENTS AND PERFORMANCE

a. Main achievements of the Charity

In partnership with Cambridge University Press (CUP), during 2022 the International Glaciological Society (IGS) published a total of 89 articles, ~34 letters, 3 communication and 2 corrigendum amounting to ~1,300 pages (2021: a total of 121 articles, 13 letters and 1 communication amounting to 1,639 pages; 2020: a total of 140 articles and 5 letters and 1 communication amounting to 1,790 pages; 2019: a total of 118 articles and 4 letters amounting to 1,487 pages; 2018: a total of 115 articles and 5 letter amounting to 1,451 pages).

The reason for the lower numbers in 2022 was a consequence of Covid. Publication of the Journal of Glaciology was normal but as the Annals of Glaciology is based on articles relating to the themes of IGS symposia held the year before, in this case 2021. For obvious reasons the IGS had to cancel all its planned symposia planned for 2021 and as a result there were no symposia associated Annals in 2022. We did manage to initiate what will be a publication of 3 issues of the Annals base of 'Correspondences' based on presentations made at the IGS Global Seminar Series. All the submissions are fairly short, hence they are classified as 'Correspondences'. That corresponds to substantially fewer total pages published in 2022.

The CUP arranges the production and publication of the journals of the International Glaciological Society (IGS) on behalf of the Society meaning that all subscription and article processing charge income from the journals goes to CUP rather than the IGS. In return, CUP pays the IGS a royalty based on the income received. For 2022 this revenue is £80,896 compared to £130,279 in 2021, £113,227 for 2020, £74,684 for 2019 and £72,449 in 2018. The peaks in 2021 and 2020 are due to CUP introducing what used to be called a 'Read and Publish' agreement but is now referred to as 'Transformative Agreements'.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2022

Achievements and performance (continued)

b. Key performance indicators

The key performance indicators are the number of delegates attending symposia, membership numbers and pages published in the Society's journals.

During 2022 the Society sponsored three symposia and co-sponsored a fourth one.

The first was held in Bilbao in the Basque Country, Spain. The theme was on 'Ice in a Sustainable Society (ISS)'. The total number of presentations submitted for this symposium was 49 consisting of 41 oral presentations and 8 poster presentations.

The symposium was attended by 62 delegates of which 17 (27%) were students and early career scientists.

The second was held in Juneau, Alaska, USA. The theme was on 'Maritime Glaciers'. The total number of presentations submitted for this symposium was 77 consisting of 53 oral presentations and 24 poster presentations.

The symposium was attended by 86 delegates of which 39 (45%) were students and early career scientists.

The third symposia sponsored by the IGS was held in Davos, Switzerland. The theme was on 'Snow'. The total number of presentations submitted for this symposium was 126 consisting of 65 oral presentations and 60 poster presentations.

The symposium was attended by 147 delegates of which 52 (35%) were students and early career scientists.

Finally, the IGS co-sponsored a symposium in Reykjavík, Iceland. The theme was 'Ice, Snow and Water in a Warming World'. 430 abstracts were submitted in total. The IGS took part in the scientific organisation of the symposium and was responsible for the scientific editing of papers submitted for publication in the associated Annals of Glaciology issue to be published by the IGS.

A total of 306 people from 33 countries on 6 continents registered for participation in the conference: With 156 female and 150 male participants registered, gender balance was very close to 50/50. In total, 348 presentations were given at the symposium, 174 oral and 174 posters, thereof 106 presentations by students.

Further, the IGS sponsored the IGS Branch meetings. Namely in New Zealand where they held their meeting at the beginning of February with 22 presentations. The IGS British Branch was held at the beginning of September, this time in person. The Nordic Branch was also held in-person. We had 86 delegates and 58 abstracts, 16 of which were presented by students and early carrier scientists.

In North America, the IGS branch, Northwest Glaciologists held their meeting in October at the University of Idaho, in Moscow, Idaho, USA and the Northeast Glaciology branch meeting was held at Dartmouth College, New Hampshire, USA in April.

The International Glaciological Society's weekly seminar series, established in 2020, at the start of Covid, continued in fine form in 2022. The weekly seminar had glaciologists from all over the world present one hour seminars at 2100 GMT/BST on Wednesdays. This has continued to be hugely successful and has been very positive publicity for the Society as we can see in the dramatic increase in our following on social media. We also believe it has resulted in an increase of new members and lapsed ones renewing (although this is more difficult to confirm).

In 2022 there were 32 seminar sessions and 48 presentations were given: several sessions were dedicated to Early Career Researchers (ECR) where three ECRs gave a presentation. We also started including a monthly Sea Ice session with 2 presentations per evening.

The seminars have made a concerted effort to comply with the Society's policy on 'Actions on Diversity and Inclusivity'. This effort has been very successful as can be seen in the extensive and impressive list of speakers.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

Achievements and performance (continued)

At present we have in excess of 2,300 people signed up to the Seminars with an average of 30 to 80 participants per session.

All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology. We currently have 835 subscribers to our video channel.

Furthermore, the seminars are turning into a major teaching tool worldwide where glaciology students can listen to world experts in the field and put questions to them.

In partnership with Cambridge University Press, during 2022 the Society published 1248 pages in the Journal of Glaciology (the same number as in 2021).

We published ~150 pages in the Annals of Glaciology in 2022, a decrease of 38%.

The reason for the lower numbers in 2022 was a consequence of Covid. Publication of the Journal of Glaciology was normal but as the Annals of Glaciology is based on articles relating to the themes of IGS symposia held the year before, in this case 2021. For obvious reasons the IGS had to cancel all its planned symposia planned for 2021 and as a result there were no symposia associated Annals in 2022. We did manage to initiate what will be a publication of 3 issues of the Annals base of 'Correspondences' based on presentations made at the IGS Global Seminar Series. All the submissions are fairly short, hence they are classified as 'Correspondences'. That corresponds to substantially fewer total pages published in 2022.

We published two issues of ICE in 2022, a double issue, 61 pages in total c.f. with 111 pages in 2021.

During 2022 the Society's paid membership reached 595 members, slightly less than the previous year (625). We did not issue any free membership to delegates registering at non-member rates for IGS symposia which would boost our membership. Thus the 2022 memberships are directly comparable to the numbers published in last year's report i.e. the 'total' membership is the same as the 'paid' membership.

We can thus state that the 'paid' membership decreased by 4.8% between 2021 and 2022.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

Achievements and performance (continued)**c. Review of activities**

The Society carried out the following activities during the year:

- Published two scientific journals, both dedicated to glaciology in its widest content i.e. the study of snow and ice in all its forms.
- Specific activities related to the above objects are largely addressed through symposia identified under the section below.
- Maintained a global network of National Correspondents to report on snow and ice research activities in their area, in our newsletter, ICE.
- Maintained and serviced the IGS membership of 595 members worldwide.

Publishing

- In partnership with Cambridge University Press, published six issues of the Journal of Glaciology, Volume 68 (issues 267, 268, 269, 270, 271 and 272).
- Reviewed and accepted papers for the Journal of Glaciology, Volume 69;
- Published a double issue of ICE, numbers 186-187;
- Digitised the complete ICE archive and posted on the new IGS website.
- Because of Covid-19 the IGS had not initiated any Annals issues for 2022 until middle of that year when volume 63, based on seminars given at the IGS Global Seminar was contrived. Those issues will be the only Annals of Glaciology issues published in 2022. It will be Volume 63 with the theme 'IGS Global Seminars: New Research Directions' and issue numbers are 87, 88 and 89. All published in partnership with Cambridge University Press.

Symposia and meetings

During 2022 the Society sponsored three symposia and co-sponsored a fourth one.

- Bilbao in the Basque Country, Spain. The theme was on 'Ice in a Sustainable Society (ISS)'.
- Juneau, Alaska, USA. The theme was on 'Maritime Glaciers'.
- Davos, Switzerland. The theme was on 'Snow'.
- Co-sponsored a symposium in Reykjavík, Iceland. The theme was 'Ice, Snow and Water in a Warming World'.

Further we sponsored the various IGS Branch meetings:

- New Zealand at the beginning of February at Coronet Peak near Queenstown.
- The IGS British Branch was held in Edinburgh at the beginning of September, this time in person.
- The Nordic Branch was also held in-person. It was held in October in Uppsala, Sweden.
- IGS branch, Northwest Glaciologists held their meeting in October at the University of Idaho, in Moscow, Idaho, USA.
- Northeast Glaciology branch meeting was held at Dartmouth College, New Hampshire, USA in April.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

FINANCIAL REVIEW**a. Going concern**

After making appropriate enquiries, the Council of Management have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason, they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the accounting policies and the plans for future periods section within the Council of Management's report.

b. Reserves policy

At 31 December 2022 the free reserves of the charity (unrestricted reserves less tangible fixed assets) amounted to £483,667 (2021: £473,922).

Council has formulated a policy to establish a financial base from which the activities at the present level would be secure in the event of future financial difficulties. In particular, its aim is to:

- build up sufficient reserves to meet one year's running costs, including salaries, office overheads and estimated statutory redundancy costs; and
- build up reserves equivalent to two years of Cambridge University Press royalties in order to give ample time to find alternative sources of finance, should the need arise.

Based on the above, reserves required are approximately £404,000 compared to free reserves held of £483,667. The Trustees will continue to monitor the policy in light of spending commitments and the current economic uncertainty.

c. Financial Review

The results for the year are set out in the attached financial statements.

Total income amounted to £261,425 (2021: £171,792) which, after expenditure of £245,726 (2021: £151,784) resulted in a net surplus before investment gains/losses of £15,699 (2021: £20,008). The unrealised loss on the revaluation of fixed asset investments amounted to £9,824 (2021: unrealised gain £14,741), resulting in a net movement in funds of £5,875 (2021: £34,749).

At the end of the year the Society had net assets of £490,057 compared with £484,182 at the end of the previous year, of which £5,591 (2021: £8,534) is restricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

d. Principal risks and uncertainties

The Council of Management has examined the major strategic, business and operational risks which the charity faces. The major risk to the finances of the IGS remains that in the wake of entering into partnership with Cambridge University Press (CUP) and the subsequent loss of page charge and subscription income. The CUP royalty is predominately dependent upon the number of accepted papers to be published in the Society's journals. A reduction in the number of papers published is reflected in a reduction in the amount received from the CUP and vice versa. In 2022 the royalties from CUP amounted to £80,896 compared to £130,279 in 2021. As mentioned above, the peaks in 2021 and 2020 are due to CUP introducing what used to be called a 'Read and Publish' agreement but is now referred to as 'Transformative Agreements'.

For this reason, Council has determined a reserves policy as set out above. Systems have been established to enable regular reports to be produced so that the necessary steps can be taken to lessen the impact of the risks.

e. Principal funding

Since the commencement of the publishing partnership with Cambridge University Press (CUP), the source of the Society's principal funding has changed from the sales of publications, author processing charges (APCs) and membership fees to royalties from CUP, membership fees, symposia registration fees and to a small extent the sale of ICE and merchandise.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

STRUCTURE, GOVERNANCE AND MANAGEMENT**a. Constitution**

The International Glaciological Society was founded in 1936 and was registered as a charity in 1961.

The constitution of the Society was approved at a Special General Meeting held in Cambridge on 6 January 1962 and subsequently amended on 22 February 1968, 1 January 1972, 6 April 1977, 31 July 1985, 5 July 1989 and 14 October 1992. Under the constitution the affairs of the Society, which is a registered charity (number 231043), are managed by a Council of Management and a Secretary General appointed by the Council. An amended constitution was accepted by the IGS Annual General Meeting held in Oslo, Norway, on 5 November 2021. It was then submitted to the general membership and the results of that voting was received in March 2022. The amended Constitution was then submitted online to the Charity Commission which approved the amendments. The Society is now operating according to the amended constitution.

b. Methods of appointment or election of Council of Management

Council members are elected at an Annual General Meeting and may hold office for a term not exceeding three years without further election. This Council shall have power to co-opt not more than three extra members. Six members of the Council shall form a quorum.

No Council meetings were held in 2021 but we were able to hold an Annual General Meeting in Oslo, Norway. The composition of the Council remained unchanged until the AGM which was held 5 November 2021 in Oslo.

The IGS Council composition as of 5 November 2021 is thus:

G Flowers (President)

P Heil (Vice President) C Hulbe (Vice President) A Glazovskiy (Vice President)

A.A. Leeson (Treasurer)

FJ Navarro (Immediate Past President)

M Blaszczyk	R. B Kayastha	Jing Gao	J. Kohler
M E Hansson	M Huss	L. Ruiz	M Schneebeli
A Sakai	I Das	D M Schroeder	R Schlegel

c. Organisational structure and decision-making policies

Council determines the general policy of the Society. The day-to-day affairs of the Society are run by the Secretary General.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

Structure, governance and management (continued)

d. Pay policy for key management personnel

The senior management team in charge of directing and controlling, running and operating the Society on a day to day basis together with the Council of Management comprise the key management personnel of the charity.

Secretary General M M Magnússon

The pay of the senior staff is reviewed annually and normally increased in accordance with average earnings and the change in the 'Retail Price Index' over the past year.

In view of the nature of the charity, the benchmark is set against pay levels in other similar learned societies with a charity status of a similar size. In addition, a review of similar jobs on the open market is taken into account. The remuneration paid for similar roles is adjusted in view of any additional responsibilities. Being a small charity, it is necessary for staff to assume responsibilities for several tasks, thus requiring very adaptable individuals willing and able to take this on.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

PLANS FOR FUTURE PERIODS

During 2023 the Society plans to carry out the following activities:

- Support activities required by Council and the Officers of the Society.
- Publish Journal of Glaciology – Volume 69, issues 273, 274, 275, 276, 278 and 279 in partnership with Cambridge University Press.
- Publish Annals of Glaciology – Volume 64:
 - o thematic issue 90 'Ice in a Sustainable Society (ISS)'
 - o thematic issue 91 'Maritime Glaciers'
 - o thematic issue 92 'Ice, Snow, Water and Permafrost in a Warming World'

Prepare the publication of Annals of Glaciology – Volume 65:

- o thematic issue 93 'Snow'

All in partnership with Cambridge University Press.

- Publish ICE – Numbers 188, 189 and 190.
- Prepare the publication of ICE 191.
- Undertake preparatory work for future symposia 2024 (UK and Germany) and beyond (UK 2025, USA 2025, USA 2026, Germany 2026).
- Continue to improve the new website for IGS and ensure the implementation is according with the wishes of our membership. Develop the IGS membership web page to further improve the 'value' of IGS membership.
- Continue to improve the new IGS Connect membership and events platform and thus improve the various accounting, banking and transaction procedures of the Society.
- Continue to support and maintain the IGS Global Seminar Series. Maintain and the associated IGS YouTube channel
- Continue to develop the Society's presence on social media.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

Statement of Council of Management's responsibilities

The Council of Management are responsible for preparing the Council of Management's report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Council of Management to prepare financial statements for each financial which give a true and fair view of the state of affairs of the Charity and of its incoming resources and application of resources, including its income and expenditure, for that period. In preparing these financial statements, the Council of Management are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles of the Charities SORP (FRS 102);
- make judgments and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards (FRS 102) have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in business.

The Council of Management are responsible for keeping adequate accounting records that are sufficient to show and explain the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Constitution. They are also responsible for safeguarding the assets of the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the board of Council of Management and signed on their behalf by:

Gwen Flowers
.....

G Flowers
President

Date: 30 October 2023

INTERNATIONAL GLACIOLOGICAL SOCIETY

**INDEPENDENT EXAMINER'S REPORT
FOR THE YEAR ENDED 31 DECEMBER 2022**

**INDEPENDENT EXAMINER'S REPORT TO THE COUNCIL OF MANAGEMENT OF
INTERNATIONAL GLACIOLOGICAL SOCIETY ('the Charity')**

I report to the charity Council of Management on my examination of the accounts of the Charity for the year ended 31 December 2022.

RESPONSIBILITIES AND BASIS OF REPORT

As the Council of Management of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

INDEPENDENT EXAMINER'S STATEMENT

Since the Charity's gross income exceeded £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of (enter body here), which is one of the listed bodies.

Your attention is drawn to the fact that the Charity has prepared the accounts in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) in preference to the Accounting and Reporting by Charities: Statement of Recommended Practice issued on 1 April 2005 which is referred to in the extant regulations but has been withdrawn.

I understand that this has been done in order for the accounts to provide a true and fair view in accordance with the Generally Accepted Accounting Practice effective for reporting periods beginning on or after 1 January 2015.

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**INDEPENDENT EXAMINER'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2022**

This report is made solely to the Charity's Council of Management, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Council of Management those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Council of Management as a body, for my work or for this report.

Signed: *Michael Hewett*

Dated: 31 October 2023

Michael Hewett

FCA DChA

Peters Elworthy & Moore, Salisbury House, Station Road, Cambridge, CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

**STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 DECEMBER 2022**

	Note	Unrestricted funds 2022 £	Restricted funds 2022 £	Total funds 2022 £	Total funds 2021 £
INCOME FROM:					
Donations	3	10	-	10	10
Charitable activities	4	251,906	-	251,906	164,697
Other trading activities		16	-	16	53
Investments	5	9,327	166	9,493	7,032
TOTAL INCOME		261,259	166	261,425	171,792
EXPENDITURE ON:					
Raising funds	6	318	-	318	(34)
Charitable activities	7	242,299	3,109	245,408	151,818
TOTAL EXPENDITURE		242,617	3,109	245,726	151,784
NET INCOME/(EXPENDITURE) BEFORE NET (LOSSES)/GAINS ON INVESTMENTS					
		18,642	(2,943)	15,699	20,008
Net (losses)/gains on investments		(9,824)	-	(9,824)	14,741
NET MOVEMENT IN FUNDS		8,818	(2,943)	5,875	34,749
RECONCILIATION OF FUNDS:					
Total funds brought forward		475,648	8,534	484,182	449,433
Net movement in funds		8,818	(2,943)	5,875	34,749
TOTAL FUNDS CARRIED FORWARD		484,466	5,591	490,057	484,182

The notes on pages 19 to 34 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**BALANCE SHEET
AS AT 31 DECEMBER 2022**

	Note	2022 £	2021 £
FIXED ASSETS			
Tangible assets	11	799	1,726
Investments	12	166,551	176,375
		<hr/> 167,350	<hr/> 178,101
CURRENT ASSETS			
Stocks	13	1,990	2,308
Debtors	14	40,331	88,132
Investments	15	202,431	202,340
Cash at bank and in hand		127,109	63,443
		<hr/> 371,861	<hr/> 356,223
Creditors: amounts falling due within one year	16	(49,154)	(50,142)
		<hr/> 322,707	<hr/> 306,081
NET CURRENT ASSETS		<hr/> 322,707	<hr/> 306,081
TOTAL NET ASSETS		<hr/> 490,057	<hr/> 484,182
CHARITY FUNDS			
Restricted funds	17	5,591	8,534
Unrestricted funds	17	484,466	475,648
TOTAL FUNDS		<hr/> 490,057	<hr/> 484,182

The financial statements were approved and authorised for issue by the Council of Management and signed on their behalf by:

Gwenllwyn Flowers

.....
G Flowers
President

Date: 30 October 2023

The notes on pages 19 to 34 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

1. ACCOUNTING POLICIES

1.1 BASIS OF PREPARATION OF FINANCIAL STATEMENTS

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (second edition of the Charities SORP (FRS102) October 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the Charities SORP (FRS 102) published on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

International Glaciological Society meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

1.2 FUND ACCOUNTING

General funds are unrestricted funds which are available for use at the discretion of the Council of Management in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

1.3 GOING CONCERN

The Council of Management have reviewed the financial position of the Charity and have a reasonable expectation that the charity has adequate resources to continue in operational existence for the foreseeable future. Accordingly, the financial statements continue to be prepared on the going concern basis.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2022

1. ACCOUNTING POLICIES (CONTINUED)

1.4 INCOME

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Dividends are recognised once the dividend has been declared and notification has been received of the dividend due. Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the charity; this is normally upon notification of the interest paid or payable by the bank.

Income in relation to the publication of Journals and Annals is recognised at the later of the publication date or receipt of a sales order.

Royalty income is recognised in the period to which it relates.

Other income is recognised in the period in which it is receivable and to the extent the goods have been provided or on completion of the service.

1.5 EXPENDITURE

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources. Central staff costs are allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use.

Governance costs are those incurred in connection with administration of the charity and compliance with constitutional and statutory requirements. These are apportioned between activities on a basis consistent with the use of resources.

Costs of generating funds are merchandise costs. No support costs are allocated to fundraising as they are considered immaterial.

All expenditure is inclusive of irrecoverable VAT.

1.6 FINANCIAL INSTRUMENTS

The Charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

1. ACCOUNTING POLICIES (CONTINUED)**1.7 INVESTMENTS**

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance Sheet date, unless fair value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and shown in the heading 'Gains/(losses) on investments' in the Statement of Financial Activities.

1.8 CURRENT INVESTMENT

Current asset investments represent cash held on deposit with a maturity date of less than one year which is being held for investment purposes rather than to meet short term cash commitments as they fall due.

1.9 TANGIBLE FIXED ASSETS AND DEPRECIATION

Tangible fixed assets costing £250 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

Tangible fixed assets are carried at cost, net of depreciation and any provision for impairment. Depreciation is charged so as to allocate the cost of tangible fixed assets less their residual value over their estimated useful lives.

Depreciation is provided on the following bases:

Fixtures and fittings	- 33.33% straight line
Computer equipment	- 33.33% straight line

1.10 STOCKS

Stocks are valued at the lower of cost and net realisable value after making due allowance for obsolete and slow-moving stocks.

1.11 DEBTORS

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

1.12 CASH AT BANK AND IN HAND

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

1. ACCOUNTING POLICIES (CONTINUED)**1.13 LIABILITIES AND PROVISIONS**

Liabilities are recognised when there is an obligation at the balance sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the statement of financial activities as a finance cost.

1.14 OPERATING LEASES

Rentals paid under operating leases are charged to the statement of financial activities on a straight line basis over the lease term. The COVID-19 related rent concession has been accounted for inline with FRS102.

1.15 FOREIGN CURRENCIES

Monetary assets and liabilities denominated in foreign currencies are translated into sterling at rates of exchange ruling at the reporting date.

Transactions in foreign currencies are translated into sterling at the rate ruling on the date of the transaction.

Exchange gains and losses are recognised in the statement of financial activities.

1.16 PENSIONS

The Charity operates a defined contribution pension scheme and the pension charge represents the amounts payable by the Charity to the fund in respect of the year.

2. Critical accounting estimates and areas of judgment

Estimates and judgments are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Critical accounting estimates and assumptions:

The Charity makes estimates and assumptions concerning the future. The resulting accounting estimates and assumptions will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

The trustees do not consider there are any critical judgements or sources of estimation uncertainty requiring disclosure beyond the accounting policies listed above.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

3. INCOME FROM DONATIONS

	Unrestricted funds 2022 £	Total funds 2022 £	Total funds 2021 £
Donations	10	10	10
	<hr/>	<hr/>	<hr/>
Total 2021	10	10	
	<hr/>	<hr/>	

In 2021 all income from donations was unrestricted.

4. INCOME FROM CHARITABLE ACTIVITIES

	Unrestricted funds 2022 £	Total funds 2022 £	Total funds 2021 £
Journal, Ice and books	3,692	3,692	4,397
Meetings and Symposia	140,586	140,586	1,188
Membership	26,732	26,732	28,833
CUP Royalty	80,896	80,896	130,279
	<hr/>	<hr/>	<hr/>
TOTAL 2022	251,906	251,906	164,697
	<hr/>	<hr/>	<hr/>
Total 2021	164,697	164,697	
	<hr/>	<hr/>	

In 2021 all income from charitable activities was unrestricted.

5. INVESTMENT INCOME

	Unrestricted funds 2022 £	Restricted funds 2022 £	Total funds 2022 £	Total funds 2021 £
Dividends and interest (gross)	9,241	-	9,241	6,624
Bank deposit interest	86	166	252	408
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL 2022	9,327	166	9,493	7,032
	<hr/>	<hr/>	<hr/>	<hr/>
Total 2021	6,901	131	7,032	
	<hr/>	<hr/>	<hr/>	

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

6. EXPENDITURE ON RAISING FUNDS

	Unrestricted funds 2022 £	Total funds 2022 £	Total funds 2021 £
Merchandising expenses	318	318	(34)
Total 2021	(34)	(34)	

In 2021 all expenditure on raising funds was unrestricted.

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES

	Activities undertaken directly 2022 £	Grant funding of activities (note 8) 2022 £	Support costs 2022 £	Total funds 2022 £	Total funds 2021 £
Publications and Journals	38,587	-	85,997	124,584	121,558
Meetings/Symposia	98,802	2,574	19,448	120,824	30,260
TOTAL 2022	137,389	2,574	105,445	245,408	151,818
Total 2021	62,867	4,387	84,564	151,818	

in 2021 direct publication and journal activities were £39,697 and meetings/symposia were £23,170 while support costs for publications and journals were £81,861 and £2,703 for meetings/symposia.

In 2021, all expenditure was unrestricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)

ANALYSIS OF DIRECT COSTS

	Publications and Journals 2022 £	Meetings/Symposia 2022 £	Total funds 2022 £	Total funds 2021 £
Wages and salaries	36,591	26,833	63,424	59,421
Printing	1,582	-	1,582	579
Proof reading and editorial costs	335	-	335	1,411
Distribution expenses	79	-	79	106
Online submission fees etc	-	1,699	1,699	-
Symposia	-	70,270	70,270	1,350
TOTAL 2022	38,587	98,802	137,389	62,867

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)

ANALYSIS OF SUPPORT COSTS

	Publications and Journals 2022 £	Meetings/Symposia 2022 £	Total funds 2022 £	Total funds 2021 £
Wages and salaries	34,153	-	34,153	31,441
Depreciation	927	-	927	1,359
Manufacturing of Seligman, Richardson medal, ECS, and Firn awards	3,109	-	3,109	-
Office rent	12,352	3,183	15,535	3,190
Telephone, stationery and postage	2,943	638	3,581	3,243
Computer and website costs	13,727	2,348	16,075	20,760
Travel and subsistence	-	8,753	8,753	1,332
Bank charges (including credit card fees)	889	4,156	5,045	849
Sundry expenses	1,765	370	2,135	1,826
Early Career medal costs	-	-	-	2,019
Bad debts	-	-	-	113
Richardson medal costs	141	-	141	1,309
Bookkeeping fees	6,409	-	6,409	5,079
Loss on disposal of fixed asset	-	-	-	495
Foreign exchange deficit	(998)	-	(998)	(65)
Bookkeeping fees - Governance	1,357	-	1,357	952
Professional fees - Governance	723	-	723	2,812
Independent Examination - Governance	8,500	-	8,500	7,850
TOTAL 2022	85,997	19,448	105,445	84,564

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

8. ANALYSIS OF GRANTS

	Grants to Institutions 2022 £	Total funds 2022 £	Total funds 2021 £
Grants, Meetings/Symposia	2,574	2,574	4,387
Total 2021	4,387	4,387	

No grants (2021: None) were made to individuals in the year from the Graham Cogley Award Fund.

Due to the value of grant costs, no support costs have been allocated (prior year: none).

The Charity has made the following grants to institutions during the year:

	2022 £	2021 £
NAME OF INSTITUTION		
Universiteit Utrecht	2,074	-
Uppsala University	500	-
Early-career Glaciologists Group	-	4,387
	2,574	4,387

9. INDEPENDENT EXAMINER'S REMUNERATION

	2022 £	2021 £
Fees payable to the Charity's independent examiner in respect of:		
The independent examination of the Charity's annual accounts	3,500	3,200
All other services	5,000	4,650

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

10. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL

	2022	2021
	£	£
Wages and salaries	86,216	80,201
Social security costs	6,188	5,849
Other pension costs	5,173	4,812
	<u>97,577</u>	<u>90,862</u>

The average number of persons employed by the Charity during the year was as follows:

	2022	2021
	No.	No.
Secretary-General	<u>1</u>	<u>1</u>

The number of employees whose employee benefits (excluding employer pension costs) exceeded £60,000 was:

	2022	2021
	No.	No.
In the band £80,001 - £90,000	1	1

The key management personnel of the charity as at 31 December 2022 comprise the Council of Management, Secretary-General and Membership and Accounts Manager, who works 'freelance' for the IGS. The Council of Management give their time freely. No Council Member received any remuneration or benefits in kind from the charity for their duties (2021 - None). The total employee benefits including employer pension costs and employer national insurance cost of the key management personnel of the charity were £97,577 (2021 - £90,862) for the Secretary-General.

During the year, no (2021 - None) Council Members received reimbursement of expenses.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

11. TANGIBLE FIXED ASSETS

	Fixtures and fittings £	Computer equipment £	Total £
COST OR VALUATION			
At 1 January 2022	1,619	9,515	11,134
At 31 December 2022	<u>1,619</u>	<u>9,515</u>	<u>11,134</u>
DEPRECIATION			
At 1 January 2022	461	8,947	9,408
Charge for the year	397	530	927
At 31 December 2022	<u>858</u>	<u>9,477</u>	<u>10,335</u>
NET BOOK VALUE			
At 31 December 2022	<u>761</u>	<u>38</u>	<u>799</u>
At 31 December 2021	<u>1,158</u>	<u>568</u>	<u>1,726</u>

12. FIXED ASSET INVESTMENTS

	Listed investments £
COST OR VALUATION	
At 1 January 2022	176,375
Revaluations	(9,824)
AT 31 DECEMBER 2022	<u>166,551</u>
NET BOOK VALUE	
AT 31 DECEMBER 2022	<u>166,551</u>
At 31 December 2021	<u>176,375</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

12. FIXED ASSET INVESTMENTS (CONTINUED)

All the fixed asset investments are held in the UK.

All investments are carried at their fair value. Holdings in common investment funds, unit trusts and open-ended investment companies are at the bid price. The basis of fair value for quoted investments is equivalent to the market value, using the bid price. Asset sales and purchases are recognised at the date of trade at cost (that is their transaction value).

The Charity manages the investment portfolio themselves and do not consider that they require the advice of an expert advisor at the present time.

The Charity does not make use of derivatives and similar complex financial instruments as it takes the view that investments are held for their longer term growth and annual income.

The Charity has no material investment holdings in markets subject to exchange controls or trading restrictions.

Investments at market value value comprises of equity investments.

13. STOCKS

	2022	2021
	£	£
Merchandise for resale	1,990	2,308

14. DEBTORS

	2022	2021
	£	£
Trade debtors	-	125
Other debtors	34,306	78,719
Prepayments and accrued income	6,025	9,288
	40,331	88,132

15. CURRENT ASSET INVESTMENTS

	2022	2021
	£	£
Fixed term deposits	202,431	202,340

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

16. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2022	2021
	£	£
Trade creditors	8,376	6,230
Accruals	10,656	8,011
Other taxation and social security	11,697	14,024
Other creditors	1,997	2,550
Deferred income	16,428	19,327
	49,154	50,142
	2022	2021
	£	£
Deferred income at 1 January 2022	19,327	21,614
Resources deferred during the year	16,428	19,327
Amounts released from previous periods	(19,327)	(21,614)
DEFERRED INCOME AT 31 DECEMBER 2021	16,428	19,327

Deferred income relates to 2023 memberships subscriptions and royalties received in advance.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

17. STATEMENT OF FUNDS

STATEMENT OF FUNDS - CURRENT YEAR

	Balance at 1 January 2022 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2022 £
UNRESTRICTED FUNDS					
Unrestricted Fund	475,648	261,259	(242,617)	(9,824)	484,466
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	3,342	65	(3,109)	-	298
Restricted Funds - Graham Cogley Award Fund	5,192	101	-	-	5,293
	<u>8,534</u>	<u>166</u>	<u>(3,109)</u>	<u>-</u>	<u>5,591</u>
TOTAL OF FUNDS	<u><u>484,182</u></u>	<u><u>261,425</u></u>	<u><u>(245,726)</u></u>	<u><u>(9,824)</u></u>	<u><u>490,057</u></u>

Purpose of Principal Funds

Unrestricted Fund - This represents unrestricted funds available to support the Society's charitable purpose.

Seligman Fund - In late 1962, the concept of an award for excellence in the discipline of glaciology took shape at a Council meeting in Obergurgl, Austria, in the form of a hexagonal crystal of high-quality glass named the Seligman Crystal after the Society's founder. The Seligman Fund was created to fund the award of the Seligman Crystal which is '...awarded from time to time to one who has made an outstanding scientific contribution to glaciology so that the subject is now enriched'. It is represented by net current assets.

The Graham Cogley Award Fund - This award was established in memory of Professor Graham Cogley who made substantial and enduring contributions to glaciology, in particular to the understanding and quantification of glacier mass change. Graham is also recognized for his sustained and outstanding service to the wider glaciological community, including as IGS Chief Editor between 2016 and 2018. The Graham Cogley Award recognizes excellence in glaciological research by student scientists. The award was initiated and is generously sponsored by the Cogley family and is shared between the International Glaciological Society IGS and the International Association of Cryospheric Sciences IACS, with the IGS and the IACS giving out the award in alternate years. The IGS will give out two 'Graham Cogley Awards' to students who have published papers of exceptional quality in the Journal of Glaciology or the Annals of Glaciology within the last two years. Each award will include a cash prize of CAN\$ 500 and a certificate. The awardees and their papers will be promoted online, including in the "Awards" section of the IGS web site. The two Graham Cogley Awards will be given each second (even-numbered) year, commencing in 2020. The second prize is due to be awarded in 2022.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

17. STATEMENT OF FUNDS (CONTINUED)
STATEMENT OF FUNDS - PRIOR YEAR

	Balance at 1 January 2021 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2021 £
UNRESTRICTED FUNDS					
Unrestricted Fund	441,030	171,661	(151,784)	14,741	475,648
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	3,291	51	-	-	3,342
Restricted Funds - Graham Cogley Award Fund	5,112	80	-	-	5,192
	8,403	131	-	-	8,534
TOTAL OF FUNDS	449,433	171,792	(151,784)	14,741	484,182

18. ANALYSIS OF NET ASSETS BETWEEN FUNDS
ANALYSIS OF NET ASSETS BETWEEN FUNDS - CURRENT YEAR

	Unrestricted funds 2022 £	Restricted funds 2022 £	Total funds 2022 £
Tangible fixed assets	799	-	799
Fixed asset investments	166,551	-	166,551
Current assets	366,270	5,591	371,861
Creditors due within one year	(49,154)	-	(49,154)
TOTAL	484,466	5,591	490,057

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022**

18. ANALYSIS OF NET ASSETS BETWEEN FUNDS (CONTINUED)

ANALYSIS OF NET ASSETS BETWEEN FUNDS - PRIOR YEAR

	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £
Tangible fixed assets	1,726	-	1,726
Fixed asset investments	176,375	-	176,375
Current assets	347,689	8,534	356,223
Creditors due within one year	(50,142)	-	(50,142)
TOTAL	475,648	8,534	484,182

19. PENSION COMMITMENTS

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in an independently administered fund. The pension cost charge represents contributions payable by the charity to the fund and amounted to £5,173 (2021 - £4,812). Contributions totalling £952 (2021 - £885) were payable to the fund at the balance sheet date and are included in creditors.

20. OPERATING LEASE COMMITMENTS

At 31 December 2022 the Charity had commitments to make future minimum lease payments under non-cancellable operating leases as follows:

	2022 £	2021 £
AMOUNTS PAYABLE		
Not later than 1 year	15,703	14,257
Later than 1 year and not later than 5 years	11,777	24,950
	27,480	39,207

21. RELATED PARTY TRANSACTIONS

There were no related party transactions during the year (2021 - None).

INTERNATIONAL GLACIOLOGICAL SOCIETY

England & Wales - Charity number 231043

Accounts

INTERNATIONAL GLACIOLOGICAL SOCIETY

UNAUDITED

COUNCIL OF MANAGEMENT'S REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2021

INTERNATIONAL GLACIOLOGICAL SOCIETY

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INTERNATIONAL GLACIOLOGICAL SOCIETY

REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS
FOR THE YEAR ENDED 31 DECEMBER 2021

President
G Flowers
Vice Presidents
A Glazovskiy
C L Hulbe
P Heil

Immediate Past President
F J Navarro

Treasurer
A A Leeson

Council of Management

M Blaszczyk
R B Kayastha
Jing Gao
M E Hansson
J Kohler
M Huss
I Das
L Ruiz
A Sakai
R Schlegel
D M Schroeder
M Schneebeli

Charity registered number

0231043

Principal office

High Cross
Madingley Road
Cambridge
Cambridge
CB3 0ET

Secretary-General

M M Magnusson

Accountants

Peters Elworthy & Moore
Chartered Accountants
Salisbury House
Station Road
Cambridge
CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2021

Bankers

Bank of Scotland
38 St Andrew Square
Edinburgh
EH2 2YR

Bank of America
121 Moore Hopkins Lane
Columbia
South Carolina - 29210
United States of America

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2021

The Council of Management present their annual report together with the financial statements of the International Glaciological Society (the charity) for the year ending 31 December 2021. The financial statements have been prepared in accordance with the accounting policies set out in note 1 to the accounts and comply with the Charity's trust deed, the Charities Act 2011 and Accounting and Reporting by Charities: Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS102) (second edition of the Charities SORP (FRS102) October 2019).

OBJECTIVES AND ACTIVITIES

a. Policies and objectives

Main activities undertaken to further the charity's purposes for the public benefit.

In setting objectives and planning for activities, the Council of Management have given due consideration to general guidance published by the Charity Commission relating to public benefit, including the guidance 'Public benefit: running a charity (PB2)'. The International Glaciological Society is a registered charity whose charitable purpose defined within the Charities Act 2011 is as follows:

- To stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- To facilitate and increase the flow of glaciological ideas and information;
- To publish the *Journal of Glaciology*, *Annals of Glaciology*, ICE and other such publications as the Council from time to time determines; and
- To sponsor lectures, field meetings and symposia.

The Society's members, and the larger glaciology community within which they sit, contribute to the peer review process of grant proposals submitted to public and charitable grant awarding bodies, and of manuscripts submitted to the Society's journals and those of other publishers. This clearly benefits the public, ensuring that only the very best science is funded from the public and charity purses, and speedily makes it through to publication.

The Society's members have also contributed substantially to public policy documents, such as the Intergovernmental Panel on Climate Change Assessment Reports, and National Government papers, by reviewing, synthesising and summarising the scientific literature concerning climate change, its effects on all aspects of the cryosphere (snowfall, sea ice, terrestrial ice, permafrost, river and lake ice) and its human impact (on avalanche activity, ocean navigation, human livelihoods in the Arctic, changing flooding risks, water supply, industrial activity in polar regions, and sea level rise).

The Society is often asked for media comment on aspects of climate and cryosphere and is able to respond directly or, more often, direct the media to relevant experts.

The Society has a number of local branches that actively encourage informal meetings, which enable young scientists to interact with senior colleagues. The Society especially favours sponsoring of workshops and initiatives aimed at young people, such as those organised by the international Association of Polar Early Career Scientists (APECS and the recently founded IGS Early career Glaciologists Group (EGG)).

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

Objectives and activities (continued)

b. Strategies for achieving objectives

The strategies employed to achieve the charity's aims and objectives are to:

- Organize, stage and execute symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Co-sponsor symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Encourage and foster local groups of glaciologists to cooperate within geographical regions to further the discipline of glaciology in its widest sense;
- Concentrate on involving young and early career scientists within the wider scope of glaciology worldwide;
- Encourage the worldwide interaction and collaboration of glaciologists irrespective of gender, nationality, race and religion;
- Facilitate and encourage the publication of high quality scientific articles within the discipline of glaciology through the Society's journals, the *Journal of Glaciology* and the *Annals of Glaciology*;
- To publish a newsletter, ICE, that informs glaciologists worldwide about the research activities of their peers and to report on events that have already taken place and inform them of future events, workshops and other activities;
- Provide financial support for events that concentrate on young and early career scientists within the wide scope of glaciology worldwide;
- To maintain an international membership of glaciologists so as to be a major hub of communication between glaciologists worldwide; and
- Provide recognition for excellent contributions to the field of Glaciology through the IGS Awards: the Seligman Crystal, The Richardson Medal, Honorary Membership and the Graham Cogley award and the IGS Early Career Scientist Award.

ACHIEVEMENTS AND PERFORMANCE

a. Main achievements of the Charity

In partnership with Cambridge University Press (CUP), during 2021 the International Glaciological Society (IGS) published a total of 121 articles, 13 letters, 1 communication, 2 corrigendum and 3 errata amounting to 1,639 pages (2020: a total of 140 articles and 5 letters and 1 communication amounting to 1,790 pages; 2019: a total of 118 articles and 4 letters amounting to 1,487 pages; 2018: a total of 115 articles and 5 letter amounting to 1,451 pages). The CUP arranges the production and publication of the journals of the International Glaciological Society (IGS) on behalf of the Society meaning that all subscription and article processing charge income from the journals goes to CUP rather than the IGS. In return, CUP pays the IGS a royalty based on the income received. For 2021 this revenue is £130,309 compared to £113,284 for 2020, £74,684 for 2019 and £72,449 in 2018.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

Achievements and performance (continued)

b. Key performance indicators

The key performance indicators are the number of delegates attending symposia, membership numbers and pages published in the Society's journals.

During 2021 the Society had to cancel/postpone most of its scheduled symposia because of Covid 19 restrictions. Fortunately, our New Zealand Branch were able to hold their meeting at the beginning of February with 22 presentations. The IGS British Branch was held virtually with 174 registered delegates and 43 abstracts submitted, 24 of which were presented by students and early career scientists.

The Nordic Branch was held in-person. We had 86 delegates and 58 abstracts 16 of which were presented by students and early career scientists.

The focal point of the IGS over the Covid-19 continued to be the International Glaciological Society's weekly seminar series that was established in 2020, at the start of Covid. The weekly seminar had glaciologists from all over the world present one hour seminars at 2100 GMT/BST on Wednesdays. This has continued to be hugely successful and has been very positive publicity for the Society as we can see in the dramatic increase in our following on social media. We also believe it has resulted in an increase of new members and lapsed ones renewing (although this is more difficult to confirm).

In 2021 there were 42 seminar sessions and 60 presentations were given: several sessions were dedicated to Early Career Researchers (ECR) where three ECRs gave a presentation.

The seminars have made a concerted effort to comply with the Society's policy on 'Actions on Diversity and Inclusivity'. This effort has been very successful as can be seen in the extensive and impressive list of speakers.

At present we have in excess of 2000 people signed up to the Seminars with an average of 50 to 125 participants per session with a maximum in excess of 300 delegates.

All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology. We currently have 681 subscribers to our video channel.

Furthermore, the seminars are turning into a major teaching tool worldwide where glaciology students can listen to world experts in the field and put questions to them.

In partnership with Cambridge University Press, during 2021 the Society published 1248 pages in the *Journal of Glaciology* (a 15.5% increase compared with 2020)

We published 391 pages in the *Annals of Glaciology*, a decrease of 55%, close to what we published in the *Annals* in 2019.

We published three issues of *ICE* in 2021, one single and a double issue, 111 pages in total c.f. with 60 pages in 2020.

During 2021 the Society's paid membership reached 627 members, practically the same as the previous year. As stated in last year's report, we normally issue a free membership to delegates registering at non-member rates for IGS symposia which would boost our membership. As there were no IGS symposia we did not award any free 2021 memberships so the 'total' membership is the same as the 'paid' membership.

We can thus state that the 'paid' membership increased by 0.5%. However, for the sake of completeness and to be able to compare 2021 to other years it could be said the total membership, paid and 'free', reached 627. Comparing that to the 2019 total membership of 639 we can say the membership decreased by 2% but we must include a clear caveat that there were no symposia in 2021 and thus no 'free' memberships were awarded.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

Achievements and performance (continued)

c. Review of activities

The Society carried out the following activities during the year:

- Published two scientific journals, both dedicated to glaciology in its widest content i.e. the study of snow and ice in all its forms.
- Specific activities related to the above objects are largely addressed through symposia identified under the section below.
- Maintained a global network of National Correspondents to report on snow and ice research activities in their area, in our newsletter, ICE.
- Maintained and serviced the IGS membership of 627 members worldwide.

Publishing

In partnership with Cambridge University Press, published six issues of the Journal of Glaciology, Volume 67 (issues 261, 262, 263, 264, 265 and 266);

- Reviewed and accepted papers for the Journal of Glaciology, Volume 68;
- Published three issues of ICE, numbers 185 and 186 187;
- In partnership with Cambridge University Press, published three issues of the Annals of Glaciology, volume 62: thematic issue 84, 85 and 86, all on "Ice Core Drilling Technology";
- Because of Covid-19 the IGS had not initiated any Annals issues for 2022 until middle of that year when an issue based on seminars given at the IGS Global Seminar was contrived. That issue will be the only Annals of Glaciology issue published in 2022.

Symposia and meetings

We co sponsored the New Zealand Snow and Ice Research Group's (SIRG, the New Zealand branch of IGS) Annual Workshop held in early February 2021 in Christchurch. In October we also co sponsored the virtual Northwest Glaciologists Meeting which is an IGS branch.

The Society sponsored the virtual IGS British Branch meetings in 2021 in October and the Nordic Branch, which was held 'in person', in early November.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

FINANCIAL REVIEW

a. Going concern

After making appropriate enquiries, including assessing the impact of Covid-19, the Council of Management have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason, they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the accounting policies and the plans for future periods section within the Council of Management's report.

b. Reserves policy

At 31 December 2021 the free reserves of the charity (unrestricted reserves less fixed assets) amounted to £473,922 (2021: £438,100).

Council has formulated a policy to establish a financial base from which the activities at the present level would be secure in the event of future financial difficulties. In particular, its aim is to:

- build up sufficient reserves to meet one year's running costs, including salaries, office overheads and estimated statutory redundancy costs; and
- build up reserves equivalent to two years of Cambridge University Press royalties in order to give ample time to find alternative sources of finance, should the need arise.

Based on the above reserves required are approximately £410,000 compared to free reserves held of £473,922. The Trustees will continue to monitor the policy in light of spending commitments and the current economic uncertainty.

c. Financial Review

The results for the year are set out in the attached financial statements.

Total income amounted to £171,792 (2020: £168,855) which, after expenditure of £151,784 (2020: £142,674) resulted in a net surplus before investment gains/losses of £20,008 (2020: £26,181). The unrealised gain on the revaluation of fixed asset investments amounted to £14,741 (2020: unrealised loss £23,433), resulting in a net movement in funds of £34,749 (2020: £2,748).

At the end of the year the Society had net assets of £484,182 compared with £449,433 at the end of the previous year, of which £8,534 (2020: £8,403) is restricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

d. Principal risks and uncertainties

The Council of Management has examined the major strategic, business and operational risks which the charity faces. The major risk to the finances of the IGS remains that in the wake of entering into partnership with Cambridge University Press (CUP) and the subsequent loss of page charge and subscription income. The CUP royalty is predominately dependent upon the number of accepted papers to be published in the Society's journals. A reduction in the number of papers published is reflected in a reduction in the amount received from the CUP and vice versa. In 2021 the royalties from CUP amounted to £130,279 compared to £113,284 in 2020.

A reduction in membership resulting from the Society's journals becoming Gold Open Access is also a risk but not as major as the reduction in published papers. Although there was a very slight increase in paid membership to 627 following a decrease in 2020 (to 624), and an increase in 2019 (to 639)

For this reason, Council has determined a reserves policy as set out above. Systems have been established to enable regular reports to be produced so that the necessary steps can be taken to lessen the impact of the risks.

e. Principal funding

Since the commencement of the publishing partnership with Cambridge University Press (CUP), the source of the Society's principal funding has changed from the sales of publications, author processing charges (APCs) and membership fees to royalties from CUP, membership fees, symposia registration fees and to a small extent the sale of ICE and merchandise.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

STRUCTURE, GOVERNANCE AND MANAGEMENT

a. Constitution

The International Glaciological Society was founded in 1936 and was registered as a charity in 1961.

The constitution of the Society was approved at a Special General Meeting held in Cambridge on 6 January 1962 and subsequently amended on 22 February 1968, 1 January 1972, 6 April 1977, 31 July 1985, 5 July 1989 and 14 October 1992. Under the constitution the affairs of the Society, which is a registered charity (number 231043), are managed by a Council of Management and a Secretary General appointed by the Council. An amended constitution was accepted by the IGS Annual General Meeting held in Oslo, Norway, on 5 November 2021. It was then submitted to the general membership and the results of that voting was received in March 2022. The amended Constitution was then submitted online to the Charity Commission which approved the amendments. The Society is now operating according to the amended constitution. See also section on 'Structure, governance and management' item a.

b. Methods of appointment or election of Council of Management

Council members are elected at an Annual General Meeting and may hold office for a term not exceeding three years without further election. This Council shall have power to co-opt not more than three extra members. Six members of the Council shall form a quorum.

No Council meetings were held in 2021 but we were able to hold an Annual General Meeting in Oslo, Norway. The composition of the Council remained unchanged until the AGM which was held 5 November 2021 in Oslo.

The Council members who served until the AGM on 5 November 2021

FJ Navarro (President)

G Flowers (Vice President) C Hulbe (Vice President) J Stroeve (Vice President)

A.A. Leeson (Treasurer)

D R MacAyeal (Immediate Past President)

M Blaszczyk	R Hock	Koji Fujita	A Glazovskiy
M E Hansson	M Huss	Shichang Kang	N B Karlsson
S MacDonell I Das	D M Schroeder	A Treverrow	

Co opted members (9 July 2019): R Bingham G Leysinger Vieli.

Co opted Council members remain on Council until the next Annual General Meeting.

At the AGM on 5 November 2021 the following were elected to the IGS Council:

G Flowers (President) P Heil (Vice President) A.A. Leeson (Treasurer)

The outgoing President, FJ Navarro took over the post of Immediate Past President

Elected members: R. B Kayastha, Jing Gao, J Kohler, L Ruiz, A Sakai, M Schneebeil and R Schlegel

Retiring members: Koji Fujita, Shichang Kang, N B Karlsson, S MacDonell and A Treverrow

G Flowers retired as an 'elected' member to take up the position of IGS President. A Glazovskiy retired as an 'elected' member to take up the position of IGS Vice President. The IGS Treasurer, A.A. Leeson, was re-elected to serve a further term.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

Structure, governance and management (continued)

The IGS Council composition as of 5 November 2021 is thus:

G Flowers (President)

P Heil (Vice President) C Hulbe (Vice President) A Glazovskiy (Vice President)

A.A. Leeson (Treasurer)

FJ Navarro (Immediate Past President)

M Blaszczyk
M E Hansson
A Sakai

R. B Kayastha
M Huss
I Das

Jing Gao
L. Ruiz
D M Schroeder

J. Kohler
M Schneebeli
R Schlegel

Prior to Covid 19, the IGS Council initiated a review of its Constitution. A major goal is to enable virtual Council and Annual General meetings and to give them a legal status and decision made at virtual meeting to legally binding. During the Oslo AGM, the new Constitutional amendments were approved and subsequently sent out to the IGS membership for final approval. See details in section on 'Structure, governance and management' item a.

c. Organisational structure and decision-making policies

Council determines the general policy of the Society. The day-to-day affairs of the Society are run by the Secretary General.

d. Pay policy for key management personnel

The senior management team in charge of directing and controlling, running and operating the Society on a day to day basis together with the Council of Management comprise the key management personnel of the charity.

Secretary General M M Magnússon

The pay of the senior staff is reviewed annually and normally increased in accordance with average earnings and the change in the 'Retail Price Index' over the past year.

In view of the nature of the charity, the benchmark is set against pay levels in other similar learned societies with a charity status of a similar size. In addition, a review of similar jobs on the open market is taken into account. The remuneration paid for similar roles is adjusted in view of any additional responsibilities. Being a small charity, it is necessary for staff to assume responsibilities for several tasks, thus requiring very adaptable individuals willing and able to take this on.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

PLANS FOR FUTURE PERIODS

During 2022 the Society plans to carry out the following activities:

- Finalise the implementation of the amended IGS constitution
- Support activities required by Council and the Officers of the Society
- Publish Journal of Glaciology – Volume 68, issues 267, 268, 269, 270, 271 and 272 in partnership with Cambridge University Press
- Publish Annals of Glaciology – Volume 63: thematic issue 87 'New Cryospheric Research Directions from the IGS Global Seminars' in partnership with Cambridge University Press
- Publish ICE – Numbers 185, 186 and 187
- Prepare the publication of ICE 188
- Undertake preparatory work for future symposia 2022 (Spain, USA, Iceland and Switzerland) and beyond (Germany 2023, Ireland 2023, Germany 2023(again), UK 2024 and 2025, USA 2026, Germany 2026)
- Install and test a new website for IGS and ensure the implementation is according with the wishes of our membership. Develop the IGS membership web page to further improve the 'value' of IGS membership.
- Continue to improve the new IGS Connect membership and events platform and thus improve the various accounting, banking and transaction procedures of the Society.
- Continue to support and maintain the IGS Global Seminar Series. Maintain and the associated IGS YouTube channel
- Continue to develop the Society's presence on social media.
- Develop a fully web integrated version of the IGS newsletter ICE
- Digitise all archive issues of ICE and make available on the IGS web.

IMPACT OF COVID 19

This is what we wrote in 2021 relating to the Covid-19 pandemic, "Early in 2020, a global pandemic in relation to Covid 19 was declared. The obvious effect the Covid 19 pandemic has had on the operation of the International Glaciological Society, is on its symposia and meetings. Because of severe travel restrictions around the world the IGS has had to cancel and/or postpone all symposia, meetings and workshops scheduled for 2020 and 2021. The situation for 2022 is still uncertain. Where possible we will hold virtual meetings".

The Covid 19 restrictions have had severe effect on the work done by the Society in its effort to fulfil its goals. We have tried to counteract this by holding weekly seminars online by our members. These lectures are open to everyone and have been very successful. At present we have more than 2000 people signed up to the seminars with an average of 50 to 150 participants per session with a maximum in excess of 300 delegates. All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology and is used by teaching staff worldwide. We now close to 700 subscribers to our video channel.

We are hoping to be able to conduct our British and Nordic Branch meetings in person. Once the amended constitution has been approved by the IGS membership and accepted by the Charity Commission we will be able

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

PLANS FOR FUTURE PERIODS (continued)

to hold Council meetings and Annual General Meetings virtually and will no longer be contingent on holding physical meetings in order to approve matters before Council and the AGM. At present we are going ahead with a busy schedule of symposia, Bilbao, Spain in early June, Juneau, Alaska in late June, Reykjavík, Iceland in late August and finally in Davos Switzerland in late September.

From a financial perspective, the income from symposia/meetings/workshops is relatively minor. Most of the time we struggle to break even. It is only when the symposium is large, i.e. in excess of 150 delegates, that we can expect to make a small 'profit'. When the event is very large, i.e. of the order of around 400 delegates we can expect a financial surplus that will go towards supporting the goals of the society.

We are hopeful that our members will be able to continue their membership of the Society and thus maintain the Society's membership income.

The Society's largest income comes from royalties we receive from our publishing partner, the Cambridge University Press, CUP. CUP processes our two journals, the *Journal of Glaciology* and *Annals of Glaciology* on our behalf. Authors pay an Article Processing Charge, APC, in return for their article being published. The royalties are predominately determined by APCs received.

We saw a considerable increase in the article submissions both to the *Journal of Glaciology* and the *Annals of Glaciology* in 2020. We will work towards maintaining that and hopefully further increase submissions to the *Journal* and the *Annals*. It will be more difficult to maintain the *Annals of Glaciology* submission as there were no IGS symposia in 2021.

However, the Covid 19 pandemic has had a worldwide effect which has resulted in some authors in the Far East in particular not being able to get funding from their institutions or government grants. So we have had to waive those charges for them.

During the pandemic, the interest on our bank accounts has been negligible. However, our Charity Bonds have increased in value so our 'gain' in 2021 from those was £14,741 compared to a loss of £23,433 in 2020. It should be noted that these figures are 'snapshots' taken on the last day of the financial year and these figures fluctuate continually throughout the year.

In accordance with the goals of the Society as laid out in the constitution

- to stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- to facilitate and increase the flow of glaciological ideas and information;
- to publish the *Journal of Glaciology*, *Annals of Glaciology*, *ICE* and such other publications as the Council from time to time determine;
- to sponsor lectures, field meetings and symposia.

To assist authors in poorer countries to publish their scientific results in a leading journal, the Society is regularly waiving the Author Processing Charges for their papers. This could possibly affect the amount of royalties the Society will potentially receive from our publishing partner, Cambridge University Press.

The COVID 19 pandemic is also affecting the governance of the Society. As our constitution does not specifically allow any form of electronic governance meetings, such as for example, video or tele conferencing, all governance related meetings must be held as a physical face to face meetings. Hence, with the ban on large gatherings and the severe travel restrictions around the world the IGS has been unable to hold any Council meetings since July 2019. We were able to hold an AGM at the IGS Nordic Branch meeting in November 2021 where the amended constitution was accepted by the AGM. It was immediately sent out to the general

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

PLANS FOR FUTURE PERIODS (continued)

membership for approval. The deadline for members to respond is set in the IGS constitution at 16 weeks so we shall have the result of the voting in March 2022. This progressed into 2022. See details in section on 'Structure, governance and management' item a.

As mentioned earlier, the main source of income for the IGS is revenue derived from 'Article Processing Charges, APCs'. The IGS publishes two journals, the *Journal of Glaciology* and the *Annals of Glaciology*. The *Journal* contains articles from every aspect of glaciology and the *Annals* is a 'thematic' publication loosely associated with the themes of the various symposia the Society organises. With the postponement of symposia, the risks were that we would not receive as many article submissions as we had hoped for the *Annals of Glaciology*. Fortunately, in 2021 we had a successful rate of article acceptance to the *Annals*, 39 in total (APCs are based on individual article submissions). This is because we had two successful symposia in 2019 whose associated papers ended up being published in 2021. The affiliated articles of the first symposia of 2019 were published in 2019 and the affiliated articles of the last symposia of 2019 were published in 2021. Unfortunately, we do not yet have any *Annals* material to publish in 2022 so we are actively trying to initiate an *Annals* thematic issue that is not associated with a symposium. We do this on a regular basis and as an example, our last 'independent' *Annals* was published in 2019 and contained 19 articles. The planned 'independent' *Annals* issue will be based on material presented at the IGS global seminar series. Thus, we are hopeful with one such 'independent' *Annals* issue we should be close to the average number of articles we published in 2018-2021.

During the Covid 19 lockdown we initiated weekly online seminars where glaciologists from around the globe gave a one-hour presentations about their research. This has been tremendously successful with well over 2000 participants registering to attend one or more of the seminars. All presentations are posted on the IGS YouTube channel where followers can view past presentations. Currently our channel has close to 700 active followers and increasing. Our material has been viewed close to 30,000 times totalling almost 4,300 hours of viewing. This has been great publicity for the Society and along with a strengthening of the IGS Editorial team and its proactive editorial policy, we have continued to see a steady stream of articles submitted to the *Journal of Glaciology*.

During the period from when we had our first online seminar on 15 April 2020 by Prof Helen Amanda Fricker (Scripps, San Diego) "Demystifying Antarctica: what have we learned from the past 100 years of observations, and what comes next?" we have seen a steady trickle of new members joining the Society and also older members re-joining. This brings added revenue to the Society.

The online seminars have become a fixture in the 'IGS Event Calendar' and will continued into 2022 and beyond.

Thanks to our landlord, we have been given a 'rent holiday' since the lockdown started as we have been unable to occupy our office. At the time of writing, it has been over a year since we have been in the office other than brief housekeeping visits. This saved us well over £1,000 per month during the C-19 pandemic. The IGS Secretary General and Membership and Accounts Manager continued to work remotely through 2021 and will continue to do so in 2022 although the 'rent holiday' ceased on 1 April 2022. After that we have been occupying the office at the British Antarctic Survey 1-2 days per week and it is unlikely we will return full time although we are now paying full rent.

Finally, the reserves of the Society are set up such that we should be able to operate for a considerable time with a reduced income.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2021**

Statement of Council of Management's responsibilities

The Council of Management are responsible for preparing the Council of Management's report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Council of Management to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Charity and of its incoming resources and application of resources, including its income and expenditure, for that period. In preparing these financial statements, the Council of Management are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles of the Charities SORP (FRS 102);
- make judgments and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards (FRS 102) have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in business.

The Council of Management are responsible for keeping adequate accounting records that are sufficient to show and explain the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Constitution. They are also responsible for safeguarding the assets of the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the board of Council of Management and signed on their behalf by:



.....
G Flowers

President

Date: 30 October 2022

INTERNATIONAL GLACIOLOGICAL SOCIETY

INDEPENDENT EXAMINER'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2021

INDEPENDENT EXAMINER'S REPORT TO THE COUNCIL OF MANAGEMENT OF INTERNATIONAL GLACIOLOGICAL SOCIETY ('the Charity')

I report to the charity Council of Management on my examination of the accounts of the Charity for the year ended 31 December 2021.

RESPONSIBILITIES AND BASIS OF REPORT

As the Council of Management of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

INDEPENDENT EXAMINER'S STATEMENT

Your attention is drawn to the fact that the Charity has prepared the accounts in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) in preference to the Accounting and Reporting by Charities: Statement of Recommended Practice issued on 1 April 2005 which is referred to in the extant regulations but has been withdrawn.

I understand that this has been done in order for the accounts to provide a true and fair view in accordance with the Generally Accepted Accounting Practice effective for reporting periods beginning on or after 1 January 2015.

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

This report is made solely to the Charity's Council of Management, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Council of Management those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Council of Management as a body, for my work or for this report.

Signed: *Nikki Loan*

Dated: 31 October 2022

Nikki Loan

FCA

Peters Elworthy & Moore, Salisbury House, Station Road, Cambridge, CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 DECEMBER 2021

	Note	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
INCOME FROM:					
Donations	3	10	-	10	5,719
Charitable activities	4	164,697	-	164,697	156,020
Other trading activities		53	-	53	338
Investments	5	6,901	131	7,032	6,778
TOTAL INCOME		171,661	131	171,792	168,855
EXPENDITURE ON:					
Raising funds	6	(34)	-	(34)	220
Charitable activities	7	151,818	-	151,818	142,454
TOTAL EXPENDITURE		151,784	-	151,784	142,674
NET INCOME BEFORE NET GAINS/(LOSSES) ON INVESTMENTS					
		19,877	131	20,008	26,181
Net gains/(losses) on investments		14,741	-	14,741	(23,433)
NET MOVEMENT IN FUNDS		34,618	131	34,749	2,748
RECONCILIATION OF FUNDS:					
Total funds brought forward		441,030	8,403	449,433	446,685
Net movement in funds		34,618	131	34,749	2,748
TOTAL FUNDS CARRIED FORWARD	17	475,648	8,534	484,182	449,433

The notes on pages 18 to 32 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**BALANCE SHEET
AS AT 31 DECEMBER 2021**

	Note	2021 £	2020 £
FIXED ASSETS			
Tangible assets	11	1,726	2,930
Investments	12	176,375	111,634
		178,101	114,564
CURRENT ASSETS			
Stocks	13	2,308	2,274
Debtors	14	88,132	68,887
Investments	15	202,340	224,262
Cash at bank and in hand		63,443	76,519
		356,223	371,942
Creditors: amounts falling due within one year	16	(50,142)	(37,073)
		306,081	334,869
NET CURRENT ASSETS		306,081	334,869
TOTAL ASSETS LESS CURRENT LIABILITIES		484,182	449,433
TOTAL NET ASSETS		484,182	449,433
CHARITY FUNDS			
Restricted funds	17	8,534	8,403
Unrestricted funds	17	475,648	441,030
TOTAL FUNDS		484,182	449,433

The financial statements were approved and authorised for issue by the Council of Management and signed on their behalf by:



.....
G Flowers

President

Date: 30 October 2022

The notes on pages 18 to 32 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

1. ACCOUNTING POLICIES

1.1 BASIS OF PREPARATION OF FINANCIAL STATEMENTS

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (second edition of the Charities SORP (FRS102) October 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the Charities SORP (FRS 102) published on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

International Glaciological Society meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

1.2 FUND ACCOUNTING

General funds are unrestricted funds which are available for use at the discretion of the Council of Management in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

1.3 GOING CONCERN

The Council of Management have reviewed the financial position of the Charity and have a reasonable expectation that the charity has adequate resources to continue in operational existence for the foreseeable future. Accordingly, the financial statements continue to be prepared on the going concern basis.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

1. ACCOUNTING POLICIES (CONTINUED)

1.4 INCOME

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Dividends are recognised once the dividend has been declared and notification has been received of the dividend due. Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the charity; this is normally upon notification of the interest paid or payable by the bank.

Income in relation to the publication of Journals and Annals is recognised at the later of the publication date or receipt of a sales order.

Royalty income is recognised in the period to which it relates.

Other income is recognised in the period in which it is receivable and to the extent the goods have been provided or on completion of the service.

1.5 EXPENDITURE

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources. Central staff costs are allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use.

Governance costs are those incurred in connection with administration of the charity and compliance with constitutional and statutory requirements. These are apportioned between activities on a basis consistent with the use of resources.

Costs of generating funds are merchandise costs. No support costs are allocated to fundraising as they are considered immaterial.

All expenditure is inclusive of irrecoverable VAT.

1.6 FINANCIAL INSTRUMENTS

The Charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

1. ACCOUNTING POLICIES (CONTINUED)

1.7 INVESTMENTS

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance Sheet date, unless fair value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and shown in the heading 'Gains/(losses) on investments' in the Statement of Financial Activities.

1.8 CURRENT INVESTMENT

Current asset investments represent cash held on deposit with a maturity date of less than one year which is being held for investment purposes rather than to meet short term cash commitments as they fall due.

1.9 TANGIBLE FIXED ASSETS AND DEPRECIATION

Tangible fixed assets costing £250 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

Tangible fixed assets are carried at cost, net of depreciation and any provision for impairment. Depreciation is charged so as to allocate the cost of tangible fixed assets less their residual value over their estimated useful lives.

Depreciation is provided on the following bases:

Fixtures and fittings	- 33.33% straight line
Computer equipment	- 33.33% straight line

1.10 STOCKS

Stocks are valued at the lower of cost and net realisable value after making due allowance for obsolete and slow-moving stocks.

1.11 DEBTORS

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

1.12 CASH AT BANK AND IN HAND

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

1. ACCOUNTING POLICIES (CONTINUED)

1.13 LIABILITIES AND PROVISIONS

Liabilities are recognised when there is an obligation at the balance sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the statement of financial activities as a finance cost.

1.14 OPERATING LEASES

Rentals paid under operating leases are charged to the statement of financial activities on a straight line basis over the lease term. The COVID-19 related rent concession has been accounted for inline with FRS102.

1.15 FOREIGN CURRENCIES

Monetary assets and liabilities denominated in foreign currencies are translated into sterling at rates of exchange ruling at the reporting date.

Transactions in foreign currencies are translated into sterling at the rate ruling on the date of the transaction.

Exchange gains and losses are recognised in the statement of financial activities.

1.16 PENSIONS

The Charity operates a defined contribution pension scheme and the pension charge represents the amounts payable by the Charity to the fund in respect of the year.

2. Critical accounting estimates and areas of judgment

Estimates and judgments are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Critical accounting estimates and assumptions:

The Charity makes estimates and assumptions concerning the future. The resulting accounting estimates and assumptions will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

The trustees do not consider there are any critical judgements or sources of estimation uncertainty requiring disclosure beyond the accounting policies listed above.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

3. INCOME FROM DONATIONS

	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
Donations	10	-	10	5,719
	<u>10</u>	<u>-</u>	<u>10</u>	
Total 2020	20	5,699	5,719	
	<u>20</u>	<u>5,699</u>	<u>5,719</u>	

In 2020 all income from donations was unrestricted.

4. INCOME FROM CHARITABLE ACTIVITIES

	Unrestricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
Journal, Ice and books	4,397	4,397	12,738
Annals	-	-	1,022
Meetings and Symposia	1,188	1,188	-
Membership	28,833	28,833	28,976
CUP Royalty	130,279	130,279	113,284
	<u>164,697</u>	<u>164,697</u>	<u>156,020</u>
TOTAL 2021	<u>164,697</u>	<u>164,697</u>	<u>156,020</u>
Total 2020	156,020	156,020	
	<u>156,020</u>	<u>156,020</u>	

In 2020 all income from charitable activities was unrestricted.

5. INVESTMENT INCOME

	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
Dividends and interest (gross)	6,624	-	6,624	5,449
Bank deposit interest	277	131	408	1,329
	<u>6,901</u>	<u>131</u>	<u>7,032</u>	<u>6,778</u>
TOTAL 2021	<u>6,901</u>	<u>131</u>	<u>7,032</u>	<u>6,778</u>
Total 2020	6,729	49	6,778	
	<u>6,729</u>	<u>49</u>	<u>6,778</u>	

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

6. EXPENDITURE ON RAISING FUNDS

	Unrestricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
Merchandising expenses	(34)	(34)	220
Total 2020	220	220	

In 2020 all expenditure on raising funds was unrestricted.

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES

	Activities undertaken directly 2021 £	Grant funding of activities (note 8) 2021 £	Support costs 2021 £	Total funds 2021 £	Total funds 2020 £
Publications and Journals	39,697	-	81,861	121,558	109,521
Meetings/Symposia	23,170	4,387	2,703	30,260	32,933
TOTAL 2021	62,867	4,387	84,564	151,818	142,454
Total 2020	62,786	3,530	76,138	142,454	

in 2020 direct publication and journal activities were £37,255 and meetings/symposia were £25,531 while support costs for publications and journals were £72,266 and £3,872 for meetings/symposia.

In 2020, £587 of grant funding costs were restricted with all direct and support costs being unrestricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

7. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)

ANALYSIS OF DIRECT COSTS

	Publications and Journals 2021 £	Meetings/ Symposia 2021 £	Total funds 2021 £	Total funds 2020 £
Wages and salaries	37,601	21,820	59,421	58,328
Printing	579	-	579	3,395
Proof reading and editorial costs	1,411	-	1,411	836
Distribution expenses	106	-	106	227
Symposia	-	1,350	1,350	-
TOTAL 2021	39,697	23,170	62,867	62,786

ANALYSIS OF SUPPORT COSTS

	Publications and Journals 2021 £	Meetings/ Symposia 2021 £	Total funds 2021 £	Total funds 2020 £
Wages and salaries	31,441	-	31,441	31,407
Depreciation	1,359	-	1,359	1,684
Office rent	2,710	480	3,190	4,814
Telephone, stationery and postage	2,757	486	3,243	6,748
Computer and website costs	19,235	1,525	20,760	9,078
Travel and subsistence	1,332	-	1,332	315
Bank charges (including credit card fees)	849	-	849	1,192
Sundry expenses	1,614	212	1,826	3,910
Early Career medal costs	2,019	-	2,019	-
Bad debts	113	-	113	-
Richardson medal costs	1,309	-	1,309	-
Bookkeeping fees	5,079	-	5,079	7,714
(Profit)/ loss on disposal of fixed asset	495	-	495	477
Independent Examination fee - Governance	7,850	-	7,850	8,250
Bookkeeping fees - Governance	952	-	952	51
Professional fees - Governance	2,812	-	2,812	132
Foreign exchange deficit	(65)	-	(65)	366
TOTAL 2021	81,861	2,703	84,564	76,138

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

8. ANALYSIS OF GRANTS

	Grants to Institutions 2021 £	Grants to Individuals 2021 £	Total funds 2021 £	Total funds 2020 £
Grants, Meetings/Symposia	4,387	-	4,387	3,530
Total 2020	2,943	587	3,530	

One grant (2020: one grant) was made to institutions in the year; Early-career Glaciologists Group for £4,387 (2020: UAF Summer School for £2,943).

No grants (2020: two grants) were made to individuals in the year from the Graham Cogley Award Fund. The Graham Cogley award will next be awarded in 2022.

Due to the value of grant costs, no support costs have been allocated (prior year: none).

9. INDEPENDENT EXAMINER'S REMUNERATION

	2021 £	2020 £
Fees payable to the Charity's independent examiner for the independent examination of the Charity's annual accounts	7,850	7,850
Fees payable to the Charity's independent examiner in respect of: All assurance services not included above	-	400

10. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL

	2021 £	2020 £
Wages and salaries	80,201	79,251
Social security costs	5,849	5,729
Other pension costs	4,812	4,755
	90,862	89,735

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

10. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL (CONTINUED)

The average number of persons employed by the Charity during the year was as follows:

	2021 No.	2020 No.
Secretary-General	1	1

The number of employees whose employee benefits (excluding employer pension costs) exceeded £60,000 was:

	2021 No.	2020 No.
In the band £80,001 - £90,000	1	1

The key management personnel of the charity as at 31 December 2021 comprise the Council of Management, Secretary-General and Membership and Accounts Manager, who works 'freelance' for the IGS. The Council of Management give their time freely. No Council Member received any remuneration or benefits in kind from the charity for their duties (2020: none). The total employee benefits including employer pension costs and employer national insurance cost of the key management personnel of the charity were £90,862 (2020 - £89,735) for the Secretary- General and £6,032 (2020 - £7,765) for the Accounts Manager.

During the year, no (2020 - none) Council Members received reimbursement of expenses.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

11. TANGIBLE FIXED ASSETS

	Fixtures and fittings £	Computer equipment £	Total £
COST OR VALUATION			
At 1 January 2021	1,494	9,515	11,009
Additions	1,190	-	1,190
Disposals	(1,065)	-	(1,065)
At 31 December 2021	1,619	9,515	11,134
DEPRECIATION			
At 1 January 2021	459	7,620	8,079
Charge for the year	32	1,327	1,359
On disposals	(30)	-	(30)
At 31 December 2021	461	8,947	9,408
NET BOOK VALUE			
At 31 December 2021	1,158	568	1,726
At 31 December 2020	1,035	1,895	2,930

12. FIXED ASSET INVESTMENTS

	Listed investments £
COST OR VALUATION	
At 1 January 2021	111,634
Additions	50,000
Revaluations	14,741
AT 31 DECEMBER 2021	176,375
NET BOOK VALUE	
AT 31 DECEMBER 2021	176,375
At 31 December 2020	111,634

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

12. FIXED ASSET INVESTMENTS (CONTINUED)

All the fixed asset investments are held in the UK.

All investments are carried at their fair value. Holdings in common investment funds, unit trusts and open-ended investment companies are at the bid price. The basis of fair value for quoted investments is equivalent to the market value, using the bid price. Asset sales and purchases are recognised at the date of trade at cost (that is their transaction value).

The Charity manages the investment portfolio themselves and do not consider that they require the advice of an expert advisor at the present time.

The Charity does not make use of derivatives and similar complex financial instruments as it takes the view that investments are held for their longer term growth and annual income.

The Charity has no material investment holdings in markets subject to exchange controls or trading restrictions.

Investments at market value value comprises of equity investments.

13. STOCKS

	2021	2020
	£	£
Merchandise for resale	2,308	2,274

14. DEBTORS

	2021	2020
	£	£
Trade debtors	125	113
Other debtors	78,719	63,603
Prepayments and accrued income	9,288	5,171
	88,132	68,887

15. CURRENT ASSET INVESTMENTS

	2021	2020
	£	£
Fixed term deposits	202,340	224,262

INTERNATIONAL GLACIOLOGICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

16. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2021 £	2020 £
Trade creditors	6,230	167
Accruals	8,011	8,470
Other taxation and social security	14,024	3,928
Other creditors	2,550	2,894
Deferred income	19,327	21,614
	<u>50,142</u>	<u>37,073</u>
	2021 £	2020 £
Deferred income at 1 January 2021	21,614	37,977
Resources deferred during the year	19,327	21,614
Amounts released from previous periods	(21,614)	(37,977)
DEFERRED INCOME AT 31 DECEMBER 2021	<u>19,327</u>	<u>21,614</u>

Deferred income relates to 2022 memberships subscriptions and royalties received in advance.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

17. STATEMENT OF FUNDS

STATEMENT OF FUNDS - CURRENT YEAR

	Balance at 1 January 2021 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2021 £
UNRESTRICTED FUNDS					
Unrestricted Fund	441,030	171,661	(151,784)	14,741	475,648
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	3,291	51	-	-	3,342
Restricted Funds - Graham Cogley Award Fund	5,112	80	-	-	5,192
	8,403	131	-	-	8,534
TOTAL OF FUNDS	449,433	171,792	(151,784)	14,741	484,182

Purpose of Principal Funds

Unrestricted Fund - This represents unrestricted funds available to support the Society's charitable purpose.

Seligman Fund - In late 1962, the concept of an award for excellence in the discipline of glaciology took shape at a Council meeting in Obergurgl, Austria, in the form of a hexagonal crystal of high-quality glass named the Seligman Crystal after the Society's founder. The Seligman Fund was created to fund the award of the Seligman Crystal which is '...awarded from time to time to one who has made an outstanding scientific contribution to glaciology so that the subject is now enriched'. It is represented by net current assets.

The Graham Cogley Award Fund - This award was established in memory of Professor Graham Cogley who made substantial and enduring contributions to glaciology, in particular to the understanding and quantification of glacier mass change. Graham is also recognized for his sustained and outstanding service to the wider glaciological community, including as IGS Chief Editor between 2016 and 2018. The Graham Cogley Award recognizes excellence in glaciological research by student scientists. The award was initiated and is generously sponsored by the Cogley family and is shared between the International Glaciological Society IGS and the International Association of Cryospheric Sciences IACS, with the IGS and the IACS giving out the award in alternate years. The IGS will give out two 'Graham Cogley Awards' to students who have published papers of exceptional quality in the Journal of Glaciology or the Annals of Glaciology within the last two years. Each award will include a cash prize of CAN\$ 500 and a certificate. The awardees and their papers will be promoted online, including in the "Awards" section of the IGS web site. The two Graham Cogley Awards will be given each second (even-numbered) year, commencing in 2020. The second prize is due to be awarded in 2022.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

17. STATEMENT OF FUNDS (CONTINUED)

STATEMENT OF FUNDS - PRIOR YEAR

	Balance at 1 January 2020 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2020 £
UNRESTRICTED FUNDS					
Unrestricted Fund	443,443	163,107	(142,087)	(23,433)	441,030
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	3,242	49	-	-	3,291
Restricted Funds - Graham Cogley Award Fund	-	5,699	(587)	-	5,112
	<u>3,242</u>	<u>5,748</u>	<u>(587)</u>	<u>-</u>	<u>8,403</u>
TOTAL OF FUNDS	<u><u>446,685</u></u>	<u><u>168,855</u></u>	<u><u>(142,674)</u></u>	<u><u>(23,433)</u></u>	<u><u>449,433</u></u>

18. ANALYSIS OF NET ASSETS BETWEEN FUNDS

ANALYSIS OF NET ASSETS BETWEEN FUNDS - CURRENT YEAR

	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £
Tangible fixed assets	1,726	-	1,726
Fixed asset investments	176,375	-	176,375
Current assets	347,689	8,534	356,223
Creditors due within one year	(50,142)	-	(50,142)
TOTAL	<u><u>475,648</u></u>	<u><u>8,534</u></u>	<u><u>484,182</u></u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021**

18. ANALYSIS OF NET ASSETS BETWEEN FUNDS (CONTINUED)

ANALYSIS OF NET ASSETS BETWEEN FUNDS - PRIOR YEAR

	Unrestricted funds 2020 £	Restricted funds 2020 £	Total funds 2020 £
Tangible fixed assets	2,930	-	2,930
Fixed asset investments	111,634	-	111,634
Current assets	363,539	8,403	371,942
Creditors due within one year	(37,073)	-	(37,073)
TOTAL	441,030	8,403	449,433

19. PENSION COMMITMENTS

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in an independently administered fund. The pension cost charge represents contributions payable by the charity to the fund and amounted to £4,812 (2020 - £4,755). Contributions totalling £885 (2020 - £875) were payable to the fund at the balance sheet date and are included in creditors.

20. OPERATING LEASE COMMITMENTS

At 31 December 2021 the Charity had commitments to make future minimum lease payments under non-cancellable operating leases as follows:

	2021 £	2020 £
AMOUNTS PAYABLE		
Not later than 1 year	14,257	13,800
Later than 1 year and not later than 5 years	24,950	37,950
	39,207	51,750

21. RELATED PARTY TRANSACTIONS

There were no related party transactions during the year (2020 - NIL).

INTERNATIONAL GLACIOLOGICAL SOCIETY

England & Wales - Charity number 231043

Accounts

INTERNATIONAL GLACIOLOGICAL SOCIETY

UNAUDITED

COUNCIL OF MANAGEMENT'S REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2020

INTERNATIONAL GLACIOLOGICAL SOCIETY

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INTERNATIONAL GLACIOLOGICAL SOCIETY

**REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND ADVISERS
FOR THE YEAR ENDED 31 DECEMBER 2020**

President

F J Navarro

Vice Presidents

G Flowers

C L Hulbe

J Stroeve

Immediate Past President

D R MacAyeal

Treasurer

A A Leeson

Council of Management

M Blaszcuk

K Fujita

A Glazovskiy

M E Hansson

M Huss

R Hock

I Das

K Shichang

N B Karlsson

S MacDonell

D M Schroeder

A Treverrow

R Bingham, Co-opted

G Leysinger Vieli, Co-opted

Charity registered number

0231043

Principal office

High Cross, Madingley Road, Cambridge, Cambridge, CB3 0ET

Secretary-General

M M Magnusson

Accountants

Peters Elworthy & Moore, Salisbury House, Station Road, Cambridge, CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

**REFERENCE AND ADMINISTRATIVE DETAILS OF THE CHARITY, ITS COUNCIL OF MANAGEMENT AND
ADVISERS (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2020**

Bankers

Bank of Scotland, 38 St Andrew Square, Edinburgh, EH2 2YR

Bank of America, 121 Moore Hopkins Lane, Columbia, South Carolina - 29210, United States of America

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT FOR THE YEAR ENDED 31 DECEMBER 2020

The Council of Management present their annual report together with the financial statements of the International Glaciological Society (the charity) for the year ending 31 December 2020. The financial statements have been prepared in accordance with the accounting policies set out in note 1 to the accounts and comply with the Charity's trust deed, the Charities Act 2011 and Accounting and Reporting by Charities: Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS102) (second edition of the Charities SORP (FRS102) October 2019).

OBJECTIVES AND ACTIVITIES

a. Policies and objectives

Main activities undertaken to further the charity's purposes for the public benefit.

In setting objectives and planning for activities, the Council of Management have given due consideration to general guidance published by the Charity Commission relating to public benefit, including the guidance 'Public benefit: running a charity (PB2)'. The International Glaciological Society is a registered charity whose charitable purpose defined within the Charities Act 2011 is as follows:

- To stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- To facilitate and increase the flow of glaciological ideas and information;
- To publish the Journal of Glaciology, Annals of Glaciology, ICE and other such publications as the Council from time to time determines; and
- To sponsor lectures, field meetings and symposia.

The Society's members, and the larger glaciology community within which they sit, contribute to the peer review process of grant proposals submitted to public and charitable grant awarding bodies, and of manuscripts submitted to the Society's journals and those of other publishers. This clearly benefits the public, ensuring that only the very best science is funded from the public and charity purses, and speedily makes it through to publication.

The Society's members have also contributed substantially to public policy documents, such as the Intergovernmental Panel on Climate Change Assessment Reports, or National Government papers, by reviewing, synthesising and summarising the scientific literature concerning climate change, its effects on all aspects of the cryosphere (snowfall, sea ice, terrestrial ice, permafrost, river and lake ice) and its human impact (on avalanche activity, ocean navigation, human livelihoods in the Arctic, changing flooding risks, water supply, industrial activity in polar regions, and sea level rise).

The Society is often asked for media comment on aspects of climate and cryosphere and is able to respond directly or, more often, direct the media to relevant experts.

The Society has a number of local branches that actively encourage informal meetings, which enable young scientists to interact with senior colleagues. The Society especially favours sponsoring of workshops and initiatives aimed at young people, such as those organised by the international Association of Polar Early Career Scientists (APECS and the recently founded IGS Early career Glaciologists Group (EGG)).

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

Objectives and activities (CONTINUED)

b. Strategies for achieving objectives

The strategies employed to achieve the charity's aims and objectives are to:

- Organize, stage and execute symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Co-sponsor symposia, workshops and other meetings and events within the wider scope of glaciology worldwide;
- Encourage and foster local groups of glaciologists to cooperate within geographical regions to further the discipline of glaciology in its widest sense;
- Concentrate on involving young and early career scientists within the wider scope of glaciology worldwide;
- Encourage the worldwide interaction and collaboration of glaciologists irrespective of gender, nationality, race and religion;
- Facilitate and encourage the publication of high quality scientific articles within the discipline of glaciology through the Society's journals, the *Journal of Glaciology* and the *Annals of Glaciology*;
- To publish a newsletter, ICE, that informs glaciologists worldwide about the research activities of their peers and to report on events that have already taken place and inform them of future events, workshops and other activities;
- Provide financial support for events that concentrate on young and early career scientists within the wide scope of glaciology worldwide;
- To maintain an international membership of glaciologists so as to be a major hub of communication between glaciologists worldwide; and
- Provide recognition for excellent contributions to the field of Glaciology through the IGS Awards: the Seligman Crystal, The Richardson Medal and Honorary Membership.

ACHIEVEMENTS AND PERFORMANCE

a. Main achievements of the Charity

In partnership with Cambridge University Press (CUP), during 2020 the International Glaciological Society (IGS) published a total of 140 articles, 5 letters and 1 communication, amounting to 1,790 pages (2019: a total of 118 articles and 4 letters amounting to 1,487 pages; 2018: a total of 115 articles and 5 letter amounting to 1,451 pages). The CUP arranges the production and publication of the journals of the International Glaciological Society (IGS) on behalf of the Society meaning that all subscription and article processing charge income from the journals goes to CUP rather than the IGS. In return, CUP pays the IGS a royalty based on the income received. For 2020 this revenue is £113,284, compared to £74,684 for 2019 and £72,449 in 2018.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

Achievements and performance (CONTINUED)

b. Key performance indicators

The key performance indicators are the number of delegates attending symposia, membership numbers and pages published in the Society's journals.

During 2020 the Society had to cancel/postpone all its scheduled symposia because of Covid-19 restrictions. Fortunately, our New Zealand Branch held their meeting at the beginning of February. We were able to hold our British and Nordic Branch in cyberspace and both were very successful. At the British Branch meeting we had 211 registered delegates and 39 abstracts submitted, 13 of which were presented by students and early career scientists. At the Nordic Branch we had 139 delegates and 40 abstracts 13 of which were presented by students and early career scientists.

The major accomplishment during the Covid-19 restrictions was the establishment of a weekly webinar where glaciologists from all over the world presented one-hour seminars at 2100 GMT on Wednesdays. It has been hugely successful and has been very positive publicity for the Society as we can see in the dramatic increase in our following on social media. We also believe it has resulted in an increase of new members and lapsed ones renewing (although this is more difficult to confirm).

In 2020 there were 28 webinar sessions and 35 presentations were given: several sessions were dedicated to Early Career Researchers (ECR) where three ECRs gave a presentation.

The webinar has made a concerted effort to comply with the Society's policy on 'Actions on Diversity and Inclusivity'. This effort has been very successful as can be seen in the extensive and impressive list of speakers.

At present we have ~1,500 people signed up to the webinars with an average of 75 to 150 participants per session with a maximum in excess of 300 delegates.

All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology. We currently have 325 subscribers to our video channel.

In partnership with Cambridge University Press, during 2020 the Society published 1080 pages in the Journal of Glaciology (a 3.5% increase compared with 2019), 710 pages in the Annals of Glaciology, an increase of 63% c.f. 2019. Due to the Covid-19 restrictions and the almost total lack events to report on in our newsletter, ICE we decided to combine the usual three issues published annually into a combined issue, 182-184 with 60 pages.

During 2020 the Society's paid membership reached 624 members. Normally we issue free memberships to delegates registering at non member rates for IGS symposia which would boost our membership. As there were no IGS symposia we did not award any free 2020 memberships so the 'total' membership is the same as the 'paid' membership.

We can thus state that the 'paid' membership decreased by 2%. However, for the sake of completeness and to be able to compare 2020 to other years it could be said the total membership, paid and 'free', reached 624. Comparing that to the 2019 total membership of 639 we can say the membership decreased by 2.3% but we must include a clear caveat that there were no symposia in 2020 and thus no 'free' memberships were awarded.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

Achievements and performance (CONTINUED)

c. Review of activities

The Society carried out the following activities during the year:

- Specific activities related to the above objects are largely addressed through symposia identified under the section below.
- Maintained a global network of National Correspondents to report on snow and ice research activities in their area, in our newsletter, ICE.
- Maintained and serviced the IGS membership of 624 members worldwide.

Publishing

- In partnership with Cambridge University Press, published six issues of the Journal of Glaciology, Volume 66 (issues 255, 256, 257, 258, 259 and 260);
- Accepted papers for the Journal of Glaciology, Volume 67;
- Published four issues of ICE, numbers 181 and 182-184;
- In partnership with Cambridge University Press, published three issues of the Annals of Glaciology, volume 61: thematic issue on 'Five decades of Radio Glaciology' issue 81, thematic issue 82 and 83 'Sea Ice at the Interface'; and
- Accepted and processed papers for Annals of Glaciology, Volume 62: thematic issues 84 and 85 'Ice Core Drilling Technology'.

Symposia and meetings

We co-sponsored the New Zealand Snow and Ice Research Group (SIRG, the New Zealand branch of IGS) Annual Workshop held in early February 2020. In October we co-sponsored the virtual Northwest Glaciologists Meeting which is also an IGS branch.

The Society sponsored the virtual IGS British and Nordic Branch meetings in 2020. The British one was held in October and the Nordic Branch was held in November.

FINANCIAL REVIEW

a. Going concern

After making appropriate enquiries, including assessing the impact of Covid-19, the Council of Management have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason, they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the accounting policies and the plans for future periods section within the Council of Management's report.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2020**

b. Reserves policy

At 31 December 2020 the free reserves of the charity amounted to £438,100 (2019: £440,751).

Council has formulated a policy to establish a financial base from which the activities at the present level would be secure in the event of future financial difficulties. In particular, its aim is to:

- build up sufficient reserves to meet one year's running costs, including salaries, office overheads and estimated statutory redundancy costs; and
- build up reserves equivalent to two years of Cambridge University Press royalties in order to give ample time to find alternative sources of finance, should the need arise.

Based on the above reserves required are £392,301 compared to free reserves held of £438,100.

c. Financial Review

The results for the year are set out in the attached financial statements.

Total income amounted to £168,855 (2019: £243,372) which, after expenditure of £142,674 (2019: £242,933) resulted in a net surplus before investment gains/losses of £26,181 (2019: £439). The unrealised loss on the revaluation of fixed asset investments amounted to £23,433 (2019: unrealised gain £19,248), resulting in a net movement in funds of £2,748 (2019: £19,687). The unrealised loss on the investments is due to the performance of the global investment market as a result of the ongoing COVID-19 pandemic at the end of 2020. As at 30 June 2021, the investments stood at £124,581, an unrealised gain of £12,947.

At the end of the year the Society had net assets of £449,433 compared with £446,685 at the end of the previous year, of which £8,403 (2019: £3,242) is restricted.

d. Principal risks and uncertainties

The Council of Management has examined the major strategic, business and operational risks which the charity faces. The major risk to the finances of the IGS remains that in the wake of entering into partnership with Cambridge University Press (CUP) and the subsequent loss of page charge and subscription income. The CUP royalty is predominately dependent upon the number of accepted papers to be published in the Society's journals. A reduction in the number of papers published is reflected in a reduction in the amount received from the CUP and vice versa. In 2020 the royalties from CUP amounted to £113,284 compared to £74,684 in 2019.

A reduction in membership resulting from the Society's journals becoming Gold Open Access is also a risk but not as major as the reduction in published papers. Although there was an increase in 2019 (to 639) following a decrease in 2018, there has been a decrease in paid memberships to 624 for 2020.

For this reason, Council has determined a reserves policy as set out above. Systems have been established to enable regular reports to be produced so that the necessary steps can be taken to lessen the impact of the risks.

e. Principal funding

Since the commencement of the publishing partnership with Cambridge University Press (CUP), the source of the Society's principle funding has changed from the sales of publications, author processing charges (APCs) and membership fees to royalties from CUP, membership fees, symposia registration fees and to a small extent the sale of ICE and merchandise.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

STRUCTURE, GOVERNANCE AND MANAGEMENT

a. Constitution

The International Glaciological Society was founded in 1936 and was incorporated as a charity in 1961.

The constitution of the Society was approved at a Special General Meeting held in Cambridge on 6 January 1962 and subsequently amended on 22 February 1968, 1 January 1972, 6 April 1977, 31 July 1985, 5 July 1989 and 14 October 1992. Under the constitution the affairs of the Society, which is a registered charity (number 231043), are managed by a Council of Management and a Secretary-General appointed by the Council.

b. Methods of appointment or election of Council of Management

Council members are elected at an Annual General Meeting and may hold office for a term not exceeding three years without further election. This Council shall have power to co-opt not more than three extra members. Six members of the Council shall form a quorum.

No Council meetings were held in 2020 nor were we able to hold an Annual General Meeting. The composition of the Council remained unchanged throughout the year.

The Council members who served during the year were:

FJ Navarro (President)

G Flowers (Vice President) H Gudmundsson (Vice President) J Stroeve (Vice President)

A.A. Leeson (Treasurer)

D R MacAyeal (Immediate Past President)

L M Andreassen	R Hock	Koji Fujita	A. Glazovski
C. Hulbe	M Ivanov	Shichang Kang	N Karlsson
S. MacDonell	D Notz	A Pope	A Treverrow

Co-opted members (9 July 2019):

D.M. Schroeder R Bingham G Leysinger Vieli.

Co-opted Council members remain on Council until the next Council meeting.

Prior to Covid-19, the IGS Council initiated a review of its Constitution. A major goal is to enable virtual Council and Annual General meetings and to give them a legal status and decision made at virtual meeting to legally binding. Unfortunately, the Covid-19 pandemic and the subsequent lockdowns interfered and the new Constitutional amendments will not be approved until the next time we are able to hold a physical Annual General meeting.

c. Organisational structure and decision-making policies

Council determines the general policy of the Society. The day-to-day affairs of the Society are run by the Secretary General.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2020**

Structure, governance and management (CONTINUED)

d. Pay policy for key management personnel

The senior management team in charge of directing and controlling, running and operating the Society on a day to day basis together with the Council of Management comprise the key management personnel of the charity.

Secretary General M M Magnússon

The pay of the senior staff is reviewed annually and normally increased in accordance with average earnings and the change in the 'Retail Price Index' over the past year.

In view of the nature of the charity, the benchmark is set against pay levels in other similar learned societies with a charity status of a similar size. In addition, a review of similar jobs on the open market is taken into account. The remuneration paid for similar roles is adjusted in view of any additional responsibilities. Being a small charity, it is necessary for staff to assume responsibilities for several tasks, thus requiring very adaptable individuals willing and able to take this on.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

PLANS FOR FUTURE PERIODS

During 2021 the Society plans to carry out the following activities:

- Support activities required by Council and the Officers of the Society
- Publish Journal of Glaciology – Volume 67, issues 261, 262, 263, 264, 265 and 266 in partnership with Cambridge University Press
- Publish Annals of Glaciology – Volume 62: thematic issues 84 and 85 'Ice Core Drilling Technology', in partnership with Cambridge University Press
- Publish ICE – Numbers 185, 186 and 187
- Prepare the publication of ICE 188
- Undertake preparatory work for future symposia 2022 (Spain, USA, Iceland and Switzerland) and beyond (Ireland 2023, USA 2023, UK 2024)
- Install and test a new website for IGS and ensure the implementation is according with the wishes of our membership. Develop the IGS membership web page to further improve the 'value' of IGS membership.
- Continue to improve the new IGS Connect membership and events platform and thus improve the various accounting, banking and transaction procedures of the Society.
- Continue to support and maintain the IGS Global Seminar Series. Maintain and the associated IGS YouTube channel
- Continue to develop the Society's presence on social media.
- Develop a fully web integrated version of the IGS newsletter ICE
- Digitise all archive issues of ICE and make available on the IGS web.

IMPACT OF COVID 19

Early in 2020, a global pandemic in relation to Covid-19 was declared. The obvious effect the Covid-19 pandemic has had on the operation of the International Glaciological Society, is on its symposia and meetings. Because of severe travel restrictions around the world the IGS has had to cancel and/or postpone all symposia, meetings and workshops scheduled for 2020 and 2021. The situation for 2022 is still uncertain. Where possible we will hold virtual meetings.

The Covid-19 restrictions has had a severe effect on the work done by the Society in its effort to fulfil its goals. We have tried to counteract this by holding weekly lectures online by our members. These lectures are open to everyone and have been very successful. At present we have ~1,500 people signed up to the seminars with an average of 75 to 150 participants per session with a maximum in excess of 300 delegates. All talks are live streamed on FaceBook and recorded and posted on the IGS YouTube channel. The channel is developing into a listing of 'state of the art' glaciology. We have more than 300 subscribers to our video channel.

We are hoping to be able to conduct our British and Nordic Branch meetings in person. It is imperative that we are able to hold a physical Council meeting and an Annual General Meeting in order to adopt our amended constitution.

From a financial perspective, the income from symposia/meetings/workshops is relatively minor. Most of the time we struggle to break even. It is only when the symposium is large, i.e. in excess of 150 delegates, that we can

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

PLANS FOR FUTURE PERIODS (CONTINUED)

expect to make a small 'profit'. When the event is very large, i.e. of the order of around 400 delegates we can expect a financial surplus that will go towards supporting the goals of the society.

We are hopeful that our members will be able to continue their membership of the Society and thus maintain the Society's membership income.

The Society's largest income comes from royalties we receive from our publishing partner, the Cambridge University Press, CUP. CUP publishes our two journals, the Journal of Glaciology and Annals of Glaciology on our behalf. Authors pay an Article Processing Charge, APC, in return for their article being published. The royalties are predominately determined by APCs received.

We saw a considerable increase in the article submissions both to the Journal of Glaciology and the Annals of Glaciology in 2020. We will work towards maintaining that and hopefully further increase submissions to the Journal. It will be more difficult to maintain the Annals of Glaciology submission as there were no IGS symposia in 2020.

However, the Covid-19 pandemic has had a worldwide effect which has resulted in some authors in the Far East in particular not being able to get funding from their institutions or government grants.

During the pandemic, the interest on our bank accounts has been negligible and our Charity Bonds have reduced in value so our 'income' from those sources has decreased as is reflected in the unrealised loss on the revaluation of fixed asset investments.

In accordance with the goals of the Society as laid out in the constitution

- to stimulate interest in and encourage research into the scientific and technical problems of snow and ice in all countries;
- to facilitate and increase the flow of glaciological ideas and information;
- to publish the Journal of Glaciology, Annals of Glaciology, ICE and such other publications as the Council from time to time determine;
- to sponsor lectures, field meetings and symposia.

To assist authors in poorer countries to publish their scientific results in a leading journal, the Society is regularly waiving the Author Processing Charges for their papers. This could possibly affect the amount of royalties the Society will potentially receive from our publishing partner, Cambridge University Press.

The COVID 19 pandemic is also affecting the governance of the Society. As our constitution does not specifically allow any form of electronic governance meetings, such as for example, video or tele conferencing, all governance related meetings must be held as a physical face to face meetings. Hence, with the ban on large gatherings and the severe travel restrictions around the world the IGS has been unable to hold any Council meetings since July 2019. We are hopeful of holding a Council meeting at either the IGS British Branch in early September 2021 or at the IGS Nordic Branch meeting in October 2021. Failing that we will try to hold a Council meeting and an AGM during the American Geophysical Union fall meeting scheduled to be held beginning of December 2021.

At a Council meeting held in Davos, Switzerland on 20 June 2018, Council initiated a review of the IGS Constitution and among the most important amendments will be the inclusion of articles that specifically allow Council and Annual General meetings to be held by electronic means. It is a stipulation by the Charity Commission which the IGS must comply with, for this to be specifically allowed in a charity's constitution. We will, at the earliest opportunity, put the amended Constitution before a Council meeting and then before an Annual General Meeting. Once the amended Constitution has been approved by the membership the IGS will be

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2020

PLANS FOR FUTURE PERIODS (CONTINUED)

able to hold all its statutory meetings and voting via electronic means. The below paragraph shows the proposed definitions for a 'virtual' meeting as stated in the proposed amended constitution.

In this document the expression 'meeting' includes, except where inconsistent with any legal obligation:

- a physical meeting
- a video conference, an internet video facility or similar electronic method allowing simultaneous visual and audio participation, and
- telephone conferencing
- or any combination thereof.

Once the amended constitution has been approved by our members, the Society will be able to conduct its governance duties using modern technology.

As mentioned earlier, the main source of income for the IGS is revenue derived from 'Article Processing Charges, APCs'. The IGS publishes two journals, the Journal of Glaciology and the Annals of Glaciology. The Journal contains articles from every aspect of glaciology and the Annals is a 'thematic' publication loosely associated with the themes of the various symposia the Society organises. With the postponement of symposia the risks are that we will not receive as many article submissions as we had hoped for the Annals of Glaciology. Fortunately, in 2020 we had a successful rate of article acceptance to the Annals, 62 in total (APCs are based on individual article submissions). This is because we had two successful symposia in 2019 whose associated papers were published in 2020. The affiliated articles of the first symposium of 2019 were published in 2019 and the affiliated articles of the last symposium of 2019 will be published in 2021. At present we have 31 accepted articles for 2021 and are expecting another 6, so 37 in total. If we compare that to the three previous years, in 2018 we had 34 articles, in 2019 we had 38 and in 2020 we had 62: in total, 134 articles over three years. In other words, 2021 is off to a slow start for the Annals.

In addition, we are actively trying to initiate Annals thematic issues that are not associated with any symposia. We do this on a regular basis and as an example, our last 'independent' Annals was published in 2019 and contained 19 articles. Thus, with one such 'independent' Annals issue we should be comfortably above the 47-average number of articles we published in 2018 2020.

During the Covid-19 lockdown we initiated weekly online seminars where glaciologists from around the globe gave one hour presentations about their research. This has been tremendously successful with well over 1500 participants registering to attend one or more of the seminars. All presentations are posted on the IGS YouTube channel where followers can view past presentations. Currently our channel has 325 active followers and our material has been viewed close to 9,000 times totalling almost 1,400 hours of viewing. This has been great publicity for the Society and along with a strengthening of the IGS Editorial team and its proactive editorial policy, we have, at the time of writing, had the joint highest number of articles submitted to the Journal of Glaciology since the current Secretary General took office in 2003 and I am confident in saying 'the highest article submission in the history of the IGS'.

During the period from when we had our first online seminar on 15 April by Prof Helen Amanda Fricker (Scripps, San Diego) "Demystifying Antarctica: what have we learned from the past 100 years of observations, and what comes next?" we have seen a steady trickle of new members joining the Society and also older members re joining. This brings added revenue to the Society.

Thanks to our landlord, we have been given a 'rent holiday' since the lockdown started as we have been unable to occupy our office. At the time of writing, it has been over a year since we have been in the office other than brief housekeeping visits. It is still very uncertain when we can return to our office within the British Antarctic Survey building saving us over £1000 per month and our Secretary General and Membership and Accounts Manager continue to work remotely.

Finally, the reserves of the Society are set up such that we should be able to operate for a considerable time with a reduced income.

INTERNATIONAL GLACIOLOGICAL SOCIETY

COUNCIL OF MANAGEMENT'S REPORT (CONTINUED)
FOR THE YEAR ENDED 31 DECEMBER 2020

PLANS FOR FUTURE PERIODS (CONTINUED)

Statement of Council of Management's responsibilities

The Council of Management are responsible for preparing the Council of Management's report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Council of Management to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Charity and of its incoming resources and application of resources, including its income and expenditure, for that period. In preparing these financial statements, the Council of Management are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles of the Charities SORP (FRS 102);
- make judgments and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards (FRS 102) have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in business.

The Council of Management are responsible for keeping adequate accounting records that are sufficient to show and explain the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Constitution. They are also responsible for safeguarding the assets of the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the board of Council of Management and signed on their behalf by:



.....
F J Navarro

President

Date: 24 October 2021

INTERNATIONAL GLACIOLOGICAL SOCIETY

**INDEPENDENT EXAMINER'S REPORT
FOR THE YEAR ENDED 31 DECEMBER 2020**

**INDEPENDENT EXAMINER'S REPORT TO THE COUNCIL OF MANAGEMENT OF
INTERNATIONAL GLACIOLOGICAL SOCIETY ('the Charity')**

I report to the charity Council of Management on my examination of the accounts of the Charity for the year ended 31 December 2020.

RESPONSIBILITIES AND BASIS OF REPORT

As the Council of Management of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

INDEPENDENT EXAMINER'S STATEMENT

Your attention is drawn to the fact that the Charity has prepared the accounts in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) in preference to the Accounting and Reporting by Charities: Statement of Recommended Practice issued on 1 April 2005 which is referred to in the extant regulations but has been withdrawn.

I understand that this has been done in order for the accounts to provide a true and fair view in accordance with the Generally Accepted Accounting Practice effective for reporting periods beginning on or after 1 January 2015.


I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

This report is made solely to the Charity's Council of Management, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Council of Management those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Council of Management as a body, for my work or for this report.

Signed:



Jayne Rowe

Dated: 25 October 2021 | 11:03 BST

FCCA

Peters Elworthy & Moore, Salisbury House, Station Road, Cambridge, CB1 2LA

INTERNATIONAL GLACIOLOGICAL SOCIETY

**STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 DECEMBER 2020**

	Note	Unrestricted funds 2020 £	Restricted funds 2020 £	Total funds 2020 £	Total funds 2019 £
INCOME FROM:					
Donations and legacies	2	20	5,699	5,719	3,848
Charitable activities	3	156,020	-	156,020	229,631
Other trading activities		338	-	338	727
Investments	4	6,729	49	6,778	9,166
TOTAL INCOME		163,107	5,748	168,855	243,372
EXPENDITURE ON:					
Raising funds	5	220	-	220	967
Charitable activities		141,867	587	142,454	241,966
TOTAL EXPENDITURE		142,087	587	142,674	242,933
Net (losses)/gains on investments		(23,433)	-	(23,433)	19,248
NET MOVEMENT IN FUNDS		(2,413)	5,161	2,748	19,687
RECONCILIATION OF FUNDS:					
Total funds brought forward		443,443	3,242	446,685	426,998
Net movement in funds		(2,413)	5,161	2,748	19,687
TOTAL FUNDS CARRIED FORWARD		441,030	8,403	449,433	446,685

The notes on pages 17 to 32 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**BALANCE SHEET
AS AT 31 DECEMBER 2020**

	Note	2020 £	2019 £
FIXED ASSETS			
Tangible assets	10	2,930	2,692
Investments	11	111,634	135,067
		114,564	137,759
CURRENT ASSETS			
Stocks	12	2,274	2,094
Debtors	13	68,887	29,527
Investments	14	224,262	221,895
Cash at bank and in hand		76,519	114,504
		371,942	368,020
Creditors: amounts falling due within one year	15	(37,073)	(59,094)
		334,869	308,926
NET CURRENT ASSETS		334,869	308,926
TOTAL ASSETS LESS CURRENT LIABILITIES		449,433	446,685
TOTAL NET ASSETS		449,433	446,685
CHARITY FUNDS			
Restricted funds	16	8,403	3,242
Unrestricted funds	16	441,030	443,443
		449,433	446,685
TOTAL FUNDS		449,433	446,685

The financial statements were approved and authorised for issue by the Council of Management and signed on their behalf by:



.....
F J Navarro
 President
 Date: 24 October 2021



.....
M M Magnusson
 Secretary-General

The notes on pages 17 to 32 form part of these financial statements.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

1. ACCOUNTING POLICIES**1.1 BASIS OF PREPARATION OF FINANCIAL STATEMENTS**

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (second edition of the Charities SORP (FRS102) October 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the Charities SORP (FRS 102) published on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

International Glaciological Society meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

1.2 FUND ACCOUNTING

General funds are unrestricted funds which are available for use at the discretion of the Council of Management in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

1.3 GOING CONCERN

The Council of Management have reviewed the financial position of the Charity and have a reasonable expectation that the charity has adequate resources to continue in operational existence for the foreseeable future. Accordingly, the financial statements continue to be prepared on the going concern basis.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

1. ACCOUNTING POLICIES (CONTINUED)**1.4 INCOME**

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

The recognition of income from legacies is dependent on establishing entitlement, the probability of receipt and the ability to estimate with sufficient accuracy the amount receivable. Evidence of entitlement to a legacy exists when the Charity has sufficient evidence that a gift has been left to them (through knowledge of the existence of a valid will and the death of the benefactor) and the executor is satisfied that the property in question will not be required to satisfy claims in the estate. Receipt of a legacy must be recognised when it is probable that it will be received and the fair value of the amount receivable, which will generally be the expected cash amount to be distributed to the Charity, can be reliably measured.

Dividends are recognised once the dividend has been declared and notification has been received of the dividend due. Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the charity; this is normally upon notification of the interest paid or payable by the bank.

Income in relation to the publication of Journals and Annals is recognised at the later of the publication date or receipt of a sales order.

Royalty income is recognised in the period to which it relates.

Other income is recognised in the period in which it is receivable and to the extent the goods have been provided or on completion of the service.

1.5 EXPENDITURE

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources. Central staff costs are allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use.

Governance costs are those incurred in connection with administration of the charity and compliance with constitutional and statutory requirements. These are apportioned between activities on a basis consistent with the use of resources.

Costs of generating funds are merchandise costs.

All expenditure is inclusive of irrecoverable VAT.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

1. ACCOUNTING POLICIES (CONTINUED)**1.6 FINANCIAL INSTRUMENTS**

The Charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

1.7 INVESTMENTS

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance Sheet date, unless fair value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and shown in the heading 'Gains/(losses) on investments' in the Statement of Financial Activities.

1.8 CURRENT INVESTMENT

Current asset investments represent cash held on deposit with a maturity date of less than one year which is being held for investment purposes rather than to meet short term cash commitments as they fall due.

1.9 TANGIBLE FIXED ASSETS AND DEPRECIATION

Tangible fixed assets costing £250 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

Tangible fixed assets are carried at cost, net of depreciation and any provision for impairment. Depreciation is charged so as to allocate the cost of tangible fixed assets less their residual value over their estimated useful lives.

Depreciation is provided on the following bases:

Fixtures and fittings	- 33.33% straight line
Computer equipment	- 33.33% straight line

1.10 STOCKS

Stocks are valued at the lower of cost and net realisable value after making due allowance for obsolete and slow-moving stocks.

1.11 DEBTORS

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

1.12 CASH AT BANK AND IN HAND

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

1. ACCOUNTING POLICIES (CONTINUED)

1.13 LIABILITIES AND PROVISIONS

Liabilities are recognised when there is an obligation at the balance sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the statement of financial activities as a finance cost.

1.14 OPERATING LEASES

Rentals paid under operating leases are charged to the statement of financial activities on a straight line basis over the lease term.

1.15 FOREIGN CURRENCIES

Monetary assets and liabilities denominated in foreign currencies are translated into sterling at rates of exchange ruling at the reporting date.

Transactions in foreign currencies are translated into sterling at the rate ruling on the date of the transaction.

Exchange gains and losses are recognised in the statement of financial activities.

1.16 PENSIONS

The Charity operates a defined contribution pension scheme and the pension charge represents the amounts payable by the Charity to the fund in respect of the year.

2. INCOME FROM DONATIONS AND LEGACIES

	Unrestricted funds 2020 £	Restricted funds 2020 £	Total funds 2020 £	Total funds 2019 £
Donations	20	5,699	5,719	20
Legacies	-	-	-	3,828
TOTAL 2020	20	5,699	5,719	3,848
TOTAL 2019	3,848	-	3,848	

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

2. INCOME FROM DONATIONS AND LEGACIES (CONTINUED)

In 2019 all income from donations and legacies was unrestricted. The restricted donation was from Graham Cogley's family, further details of this restricted fund can be found in note 16.

3. INCOME FROM CHARITABLE ACTIVITIES

	Unrestricted funds 2020 £	Total funds 2020 £	Total funds 2019 £
Journal, Ice and books	12,738	12,738	3,602
Annals	1,022	1,022	-
Meetings/Symposia	-	-	120,836
Membership	28,976	28,976	30,509
CUP Royalty	113,284	113,284	74,684
TOTAL 2020	<u>156,020</u>	<u>156,020</u>	<u>229,631</u>
TOTAL 2019	<u>229,631</u>	<u>229,631</u>	

In 2019 all income from charitable activities was unrestricted.

4. INVESTMENT INCOME

	Unrestricted funds 2020 £	Restricted funds 2020 £	Total funds 2020 £	Total funds 2019 £
Dividends and interest (gross)	5,449	-	5,449	6,751
Bank deposit interest	1,280	49	1,329	2,415
TOTAL 2020	<u>6,729</u>	<u>49</u>	<u>6,778</u>	<u>9,166</u>
TOTAL 2019	<u>9,050</u>	<u>116</u>	<u>9,166</u>	

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

5. EXPENDITURE ON RAISING FUNDS

	Unrestricted funds 2020 £	Total funds 2020 £	Total funds 2019 £
Merchandising expenses	220	220	967
	<u>220</u>	<u>220</u>	<u>967</u>
TOTAL 2019	967	967	
	<u>967</u>	<u>967</u>	

In 2019 all expenditure on raising funds was unrestricted.

6. ANALYSIS OF EXPENDITURE BY ACTIVITIES

	Activities undertaken directly 2020 £	Grant funding of activities (note 7) 2020 £	Support costs 2020 £	Total funds 2020 £	Total funds 2019 £
Publications and Journals	37,255	-	72,266	109,521	110,869
Meetings/Symposia	25,531	3,530	3,872	32,933	131,097
	<u>62,786</u>	<u>3,530</u>	<u>76,138</u>	<u>142,454</u>	<u>241,966</u>
TOTAL 2020	<u>62,786</u>	<u>3,530</u>	<u>76,138</u>	<u>142,454</u>	<u>241,966</u>
TOTAL 2019	142,911	1,061	97,994	241,966	
	<u>142,911</u>	<u>1,061</u>	<u>97,994</u>	<u>241,966</u>	

in 2019 direct publication and journal activities were £30,882 and meetings/symposia were £112,029 while support costs for publications and journals were £79,987 and £18,007 for meetings/symposia.

In 2019, £2,296 of direct costs were restricted with the balance of £140,615 being unrestricted and all support costs were unrestricted.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

6. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)

Analysis of direct costs

	Publication s and Journals 2020 £	Meetings/ Symposia 2020 £	Total funds 2020 £	Total funds 2019 £
Wages and salaries	32,797	25,531	58,328	57,665
Printing	3,395	-	3,395	2,461
Proof reading and editorial costs	836	-	836	3,904
Distribution expenses	227	-	227	140
Symposia	-	-	-	78,741
TOTAL 2020	<u>37,255</u>	<u>25,531</u>	<u>62,786</u>	<u>142,911</u>

Analysis of support costs

	Publication s and Journals 2020 £	Meetings/ Symposia 2020 £	Total funds 2020 £	Total funds 2019 £
Wages and salaries	31,407	-	31,407	31,048
Depreciation	1,684	-	1,684	1,556
Office rent etc	4,154	660	4,814	13,964
Telephone, stationery and postage	5,822	926	6,748	6,478
Computer and website costs	7,832	1,246	9,078	8,886
Travel and subsistence	-	315	315	9,617
Bank charges (including credit card fees)	1,192	-	1,192	4,780
Sundry expenses	3,185	725	3,910	3,687
Office equipment - leasing and maintenance	-	-	-	313
Bad debts	-	-	-	317
Bookkeeping fees	7,714	-	7,714	7,552
(Profit)/ loss on disposal of fixed asset	477	-	477	-
Independent Examination fee - Governance	8,250	-	8,250	8,000
Bookkeeping fees - Governance	51	-	51	1,489
Professional fees - Governance	132	-	132	98
Foreign exchange deficit	366	-	366	209
TOTAL 2020	<u>72,266</u>	<u>3,872</u>	<u>76,138</u>	<u>97,994</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

7. ANALYSIS OF GRANTS

	Grants to Institutions 2020 £	Grants to Individuals 2020 £	Total funds 2020 £	Total funds 2019 £
Grants, Meetings/Symposia	2,943	587	3,530	1,061
TOTAL 2019	<u>1,061</u>	<u>-</u>	<u>1,061</u>	

One grant (2019: one grant) was made to institutions in the year; UAF Summer School for £2,943 (2019: Polar Marine Science Gordon Research for £1,061).

Two grants (2019: no grants) were made to individuals in the year from the Graham Cogley Award Fund; Carlo Licciulli for £292 and Paul Webber for £295.

Due to the value of grant costs, no support costs have been allocated.

8. INDEPENDENT EXAMINER'S REMUNERATION

	2020 £	2019 £
Fees payable to the Charity's independent examiner for the independent examination of the Charity's annual accounts	7,850	7,850
Fees payable to the Charity's independent examiner in respect of: All assurance services not included above	400	691
	<u>8,250</u>	<u>8,541</u>

9. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL

	2020 £	2019 £
Wages and salaries	79,251	77,544
Social security costs	5,729	6,517
Other pension costs	4,755	4,652
	<u>89,735</u>	<u>88,713</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

9. STAFF COSTS INCLUDING KEY MANAGEMENT PERSONNEL (CONTINUED)

The average number of persons employed by the Charity during the year was as follows:

	2020 No.	2019 No.
Secretary-General	1	1

The number of employees whose employee benefits (excluding employer pension costs) exceeded £60,000 was:

	2020 No.	2019 No.
In the band £70,001 - £80,000	1	1

The key management personnel of the charity as at 31 December 2020 comprise the Council of Management, Secretary-General and Membership and Accounts Manager. The Council of Management give their time freely. No Council Member received any remuneration or benefits in kind from the charity for their duties. The total employee benefits including employer pension costs of the key management personnel of the charity were £101,500 (2019 - £100,755), which includes £7,765 of external bookkeeping costs (2019 - £9,041).

During the year, no (2019 - none) Council Members received reimbursement of expenses.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

10. TANGIBLE FIXED ASSETS

	Fixtures and fittings £	Computer equipment £	Total £
COST OR VALUATION			
At 1 January 2020	1,532	7,923	9,455
Additions	1,065	1,592	2,657
Disposals	(1,103)	-	(1,103)
At 31 December 2020	<u>1,494</u>	<u>9,515</u>	<u>11,009</u>
DEPRECIATION			
At 1 January 2020	797	5,966	6,763
Charge for the year	30	1,654	1,684
On disposals	(368)	-	(368)
At 31 December 2020	<u>459</u>	<u>7,620</u>	<u>8,079</u>
NET BOOK VALUE			
At 31 December 2020	<u>1,035</u>	<u>1,895</u>	<u>2,930</u>
At 31 December 2019	<u>735</u>	<u>1,957</u>	<u>2,692</u>

11. FIXED ASSET INVESTMENTS

	Listed investments £
COST OR VALUATION	
At 1 January 2020	135,067
Revaluations	(23,433)
AT 31 DECEMBER 2020	<u>111,634</u>
NET BOOK VALUE	
AT 31 DECEMBER 2020	<u>111,634</u>
AT 31 DECEMBER 2019	<u>135,067</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

11. FIXED ASSET INVESTMENTS (CONTINUED)

All the fixed asset investments are held in the UK.

All investments are carried at their fair value. Holdings in common investment funds, unit trusts and open-ended investment companies are at the bid price. The basis of fair value for quoted investments is equivalent to the market value, using the bid price. Asset sales and purchases are recognised at the date of trade at cost (that is their transaction value).

The Charity manages the investment portfolio themselves and do not consider that they require the advice of an expert advisor at the present time.

The Charity does not make use of derivatives and similar complex financial instruments as it takes the view that investments are held for their longer term growth and annual income.

The Charity has no material investment holdings in markets subject to exchange controls or trading restrictions.

12. STOCKS

	2020	2019
	£	£
Merchandise for resale	2,274	2,094

13. DEBTORS

	2020	2019
	£	£
Trade debtors	113	-
Other debtors	63,603	25,797
Prepayments and accrued income	5,171	3,730
	68,887	29,527

14. CURRENT ASSET INVESTMENTS

	2020	2019
	£	£
Fixed term deposits	224,262	221,895

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

15. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2020	2019
	£	£
Trade creditors	167	377
Accruals	8,470	11,673
Other taxation and social security	3,928	7,976
Other creditors	2,894	1,091
Deferred income	21,614	37,977
	37,073	59,094
	<u>37,073</u>	<u>59,094</u>
	2020	2019
	£	£
Deferred income at 1 January 2020	37,977	14,511
Resources deferred during the year	21,614	37,977
Amounts released from previous periods	(37,977)	(14,511)
DEFERRED INCOME AT 31 DECEMBER 2019	21,614	37,977
	<u>21,614</u>	<u>37,977</u>

Deferred income relates to 2020 memberships subscriptions and royalties received in advance.

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

16. STATEMENT OF FUNDS

STATEMENT OF FUNDS - CURRENT YEAR

	Balance at 1 January 2020 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2020 £
UNRESTRICTED FUNDS					
Unrestricted Fund	443,443	163,107	(142,087)	(23,433)	441,030
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	3,242	49	-	-	3,291
Restricted Funds - Graham Cogley Award Fund	-	5,699	(587)	-	5,112
	<u>3,242</u>	<u>5,748</u>	<u>(587)</u>	<u>-</u>	<u>8,403</u>
TOTAL OF FUNDS	<u>446,685</u>	<u>168,855</u>	<u>(142,674)</u>	<u>(23,433)</u>	<u>449,433</u>

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

16. STATEMENT OF FUNDS (CONTINUED)

STATEMENT OF FUNDS - CURRENT YEAR (CONTINUED)

	Balance at 1 January 2020 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2020 £
--	--	---------------------	--------------------------	----------------------------------	--

Purpose of Principal Funds

Unrestricted Fund - This represents unrestricted funds available to support the Society's charitable purpose.

Seligman Fund - In late 1962, the concept of an award for excellence in the discipline of glaciology took shape at a Council meeting in Obergurgl, Austria, in the form of a hexagonal crystal of high-quality glass named the Seligman Crystal after the Society's founder. The Seligman Fund was created to fund the award of the Seligman Crystal which is '...awarded from time to time to one who has made an outstanding scientific contribution to glaciology so that the subject is now enriched'. It is represented by net current assets.

The Graham Cogley Award Fund - This award was established in memory of Professor Graham Cogley who made substantial and enduring contributions to glaciology, in particular to the understanding and quantification of glacier mass change. Graham is also recognized for his sustained and outstanding service to the wider glaciological community, including as IGS Chief Editor between 2016 and 2018. The Graham Cogley Award recognizes excellence in glaciological research by student scientists. The award was initiated and is generously sponsored by the Cogley family and is shared between the International Glaciological Society IGS and the International Association of Cryospheric Sciences IACS, with the IGS and the IACS giving out the award in alternate years. The IGS will give out two 'Graham Cogley Awards' to students who have published papers of exceptional quality in the Journal of Glaciology or the Annals of Glaciology within the last two years. Each award will include a cash prize of CAN\$ 500 and a certificate. The awardees and their papers will be promoted online, including in the "Awards" section of the IGS web site. The two Graham Cogley Awards will be given each second (even-numbered) year, commencing in 2020.

Prizes awarded in 2020:

1. Carlo Licciulli – University of Heidelberg, Germany. 'Full Stokes ice-flow modeling of the high-Alpine glacier saddle Colle Gnifetti, Swiss/Italian Alps' – Journal of Glaciology (2020).
2. Paul Weber – University of Portsmouth, UK. 'Producing an ~1899 glacier inventory for Nordland, northern Norway, from historical maps' – Journal of Glaciology (2020).

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

16. STATEMENT OF FUNDS (CONTINUED)

STATEMENT OF FUNDS - PRIOR YEAR

	Balance at 1 January 2019 £	Income £	Expenditure £	Gains/ (Losses) £	Balance at 31 December 2019 £
UNRESTRICTED FUNDS					
Unrestricted Fund	421,576	243,256	(240,637)	19,248	443,443
RESTRICTED FUNDS					
Restricted Funds - Seligman Fund	5,422	116	(2,296)	-	3,242
TOTAL OF FUNDS	426,998	243,372	(242,933)	19,248	446,685

17. ANALYSIS OF NET ASSETS BETWEEN FUNDS

ANALYSIS OF NET ASSETS BETWEEN FUNDS - CURRENT PERIOD

	Unrestricted funds 2020 £	Restricted funds 2020 £	Total funds 2020 £
Tangible fixed assets	2,930	-	2,930
Fixed asset investments	111,634	-	111,634
Current assets	363,539	8,403	371,942
Creditors due within one year	(37,073)	-	(37,073)
TOTAL	441,030	8,403	449,433

INTERNATIONAL GLACIOLOGICAL SOCIETY

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

17. ANALYSIS OF NET ASSETS BETWEEN FUNDS (CONTINUED)

ANALYSIS OF NET ASSETS BETWEEN FUNDS - PRIOR PERIOD

	Unrestricted funds 2019 £	Restricted funds 2019 £	Total funds 2019 £
Tangible fixed assets	2,692	-	2,692
Fixed asset investments	135,067	-	135,067
Current assets	364,778	3,242	368,020
Creditors due within one year	(59,094)	-	(59,094)
TOTAL	<u>443,443</u>	<u>3,242</u>	<u>446,685</u>

18. PENSION COMMITMENTS

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in an independently administered fund. The pension cost charge represents contributions payable by the charity to the fund and amounted to £4,755 (2019 - £4,652). Contributions totalling £875 (2019 - £856) were payable to the fund at the balance sheet date and are included in creditors.

19. OPERATING LEASE COMMITMENTS

At 31 December 2020 the Charity had commitments to make future minimum lease payments under non-cancellable operating leases as follows:

	2020 £	2019 £
AMOUNTS PAYABLE		
Not later than 1 year	13,800	-
Later than 1 year and not later than 5 years	37,950	-
	<u>51,750</u>	<u>-</u>

20. RELATED PARTY TRANSACTIONS

There were no related party transactions during the year (2019 - NIL).