

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND

ANNUAL REPORT AND AUDITED FINANCIAL STATEMENTS

FOR THE YEAR ENDED 30 JUNE 2024

David M. Rees & Associates Limited

CHARTERED ACCOUNTANTS

Well Cottage
Cucumber Lane
Essendon
Hertfordshire AL9 6JB

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
ANNUAL REPORT AND AUDITED FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2024

INDEX

	Page
Trustees and Advisors	1 and 2
Report of the Trustees	3 to 20
Report of the Independent Auditors	21 and 22
Statements of Financial Activities	23 to 25
Balance Sheet	26
Notes to the Financial Statements	27 to 33

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
REFERENCE AND ADMINISTRATIVE INFORMATION
Trustees and Advisors for the year ended 30 June 2024

PRESIDENT	S. Gibson S. Shaw - Appointed and as President Elect 1 January 2024
VICE-PRESIDENTS	J. Byrne A. Neumann - Resigned 31 December 2023 H. Pendlowski - Appointed and as Vice President 25 April 2024
TREASURER	J. Harvey - Resigned 31 December 2023 S. Hammond - Appointed as Treasurer 1 January 2024
GENERAL SECRETARY	E. Deady
PUBLICATIONS MANAGERS	R.J. Bowell
PUBLIC RELATIONS OFFICER	J. Byrne
ELEMENTS REPRESENTATIVE	M.E. Hodson - Resigned 31 December 2023 M. White - Appointed 1 January 2024
EQUALITY DIVERSITY and INCLUSION OFFICER	L. Kelly
PRINCIPAL EDITORS	Mineralogical Magazine
	S. Mills R.H. Mitchell
	Clay Minerals
	G.E. Christidis Chun-Hui Zhou
	Geo-Bio Interface
	H. Dong - Appointed 1 January 2024 A. Engel - Appointed 1 January 2024 J. Lloyd - Appointed 1 January 2024
GROUP CHAIRS	
Applied Mineralogy Group	M. Smith
Clay Minerals Group	A. Neumann - Resigned as chair 21 November 2023 H. Pendlowski - Appointed as chair 25 April 2024
Environmental Mineralogy Group	L. Newsome - Resigned 20 November 2023 L. Townsend - Appointed 10 April 2024
Geochemistry Group	M-A. Millet - Resigned 10 April 2024 P. Savage - Appointed 10 April 2024
Geomicrobiology Network	J. Moreau
Metamorphic Studies Group	O. Weller
Mineral Physics Group	O. Lord
Volcanic & Magmatic Studies Group	T. Mather

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
Trustee and Advisors for the year ended 30 June 2024

ORDINARY MEMBERS OF COUNCIL

A. Costanzo - Appointed 1 January 2024
H. Elms - Appointed 1 January 2024
R. Gertisser - Appointed 1 January 2024
C. Manning
M. Rumsey - Resigned 31 December 2023
B. Sarkar
R. Taylor - Resigned 31 December 2023
N. Gray-Wannell - Resigned 31 December 2023

CUSTODIAN TRUSTEES

H. Downes - Appointed as Custodian Trustee 1 January 2024
M. Widdowson - Resigned 31 December 2023
D. Wray - Resigned 31 December 2023
J. Lloyd - Appointed as Custodian Trustee 1 January 2024
M. Anand - Appointed 1 January 2024

OFFICE

12 Baylis Mews
93 - 101 Amyand Park Road
Twickenham
Middlesex TW1 3HQ

ADMINISTRATION

K. Murphy - Executive Director
R. Rajendra - Finance and Operations Manager

AUDITORS

David M. Rees & Associates Limited
Well Cottage
Cucumber Lane
Essendon
Hertfordshire AL9 6JB

SOLICITORS

Nabarro Nathanson
Lacon House
84 Theobald's Road
London WC1X 8RW

BANKERS

Coutts & Co
440 Strand
London WC2R 0QS

INVESTMENT MANAGER

Schroder & Co. Limited, trading as Cazenove Capital
1 London Wall Place
London
EC2Y 5AU

WEBSITE

www.minersoc.org

CHARITY REGISTRATION NUMBER

233706

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND REPORT OF THE TRUSTEES FOR THE YEAR ENDED 30 JUNE 2024

The trustees present their annual report and the audited financial statements of the charity for the year ended 30 June 2024. The Financial Statements have been prepared in accordance with the accounting policies set out in Note 1 to the financial statements and comply with the charity's governing document instituted on 3 February 1876 (Bye-Laws 10 November 2022 revision) the Charities Act 2011 and the Charities Statement of Recommended Practice ("Charities SORP") applicable to Charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102) second edition issued in October 2019.

OBJECTIVES AND ACTIVITIES

The object of the Mineralogical Society of the United Kingdom and Ireland, with which the Crystallographical Society was amalgamated on 11 December 1883, is 'to advance the education of the public in general (and particularly amongst scientists) on the subject of mineralogy and all related disciplines and to promote research for the public benefit in all aspects of that subject and to publish the useful results. In furtherance of the said objects of the Society but not otherwise the Council of the Society may: publish or cause to be published such periodical and other publications as it thinks fit, establish special interest groups, hold or arrange to be held seminars, conferences or other forms of discussion, award prizes, medals and exhibitions, receive donations or bequests for any general or special purpose connected with the object of the Society, establish or support any charitable institution having object similar to the object of the Society, do all such other things as shall further the attainment of the object of the Society.

Long-Term Strategy

Our long-term strategy remains largely unchanged, though we have added outreach to our list of priorities. The Society's aim is to continue to publish its flagship journals (in the face of significant change in the landscape of journal publishing) and its role in the *EMU Notes in Mineralogy* book series. Support for the Society's Special Interest Groups will continue, both financially and logistically, as it is largely through these SIGs that the Society serves the community of mineralogists. We will continue to be part of the *Elements* 'family' of Societies which distributes *Elements* to all members. The Society will also be involved in the organization and support of scientific meetings (including the International Clay Conference in 2025). Our strategy is to provide these services at an affordable cost to members and libraries. Our service to the student community, i.e. provision of one year's free membership and subsidized membership thereafter, will also continue. Online hosting of scientific events has proven to be an unexpected benefit arising from restricted movements imposed by the pandemic; these are set to continue in various formats. Finally, we are about to launch a new 'Skills and Training' programme, which will help our members and others by providing workshops in a mixture of hard and soft skills.

What difference is the Mineralogical Society seeking to make?

The Society seeks to be a leader in the provision of Society services to the international community of mineralogists. The organization facilitates the gathering of mineralogists to discuss matters of mutual interest, and thereafter to place information in the public domain through dissemination in its publications. We also exist to support the training of new mineralogists and to serve as a source of information for the public.

PUBLIC BENEFIT

In setting our aims and objectives and planning our future activities the trustees have given careful consideration to the Charity Commission's general guidance on public benefit and in particular to its supplementary public benefit guidance on advancing education.

Bursaries

The purpose of the bursary scheme is to support academic work by facilitating attendance at overseas conferences and meetings; encouraging international collaboration, involving research of high merit; or supporting fieldwork. Applications are vetted by the Society's Awards Committee. This year bursaries were awarded to: C. Antoniou (U. Edinburgh); M. Balis (TU Bergakademie), Freiberg, Germany; J. Benson (U. St. Andrews); R. Subbaraman (U. Manchester); H. Pollak (U. Edinburgh); Kang Xie (U. Glasgow); Peirou Li (U. Exeter); Megan Wafta (Brunel University); Peter McArdle (U. Manchester); E. Heptinstall (U. Aberdeen); K. O'Neill (U. Bristol); and S. Bowie (U. Portsmouth).

A REVIEW OF OUR ACHIEVEMENTS AND PERFORMANCE

Membership

During the year ended 30 June 2024 the Society had a net gain of 25 members. At 30 June 2024 there were 798 Members being 17 Honorary Life Fellows, 13 Honorary Fellows, 63 Life Members, 692 Fellows and Members and 13 Emeritus Members. These figures do not include 150 Student Members who are receiving free membership of the society for one year.

Publications Manager

At the end of the annual reporting period, our most recent joint publishing effort with the European Mineralogical Union was published. Volume 21 of the EMU Notes in Mineralogy series: *Chemical Geodynamics of the Earth's Mantle: New Paradigms*, edited by C. Bonadiman and E. Rampone.

Mineralogical Magazine

We wish to thank our Production Editor Helen Kerbey, without whose work the journal would not function efficiently. We commend her for her excellent copy-editing and positive interaction with CUP, our typesetters, and layout personnel. We also note that she responds quickly to queries from authors with regards to their problems with the manuscript submission system. Both editors value her involvement in maintaining the high standards of the Mineralogical Magazine. One Associate Editor resigned (Leo Melluso) and was replaced by Ciro Cucciniello (Napoli). We wish to express our appreciation to all members of our Editorial Board. Without their dedication it would not be possible to publish the Mineralogical Magazine.

This is the seventh year of the journal production under the auspices of the Cambridge University Press. Any problems encountered during the first years have been resolved and the submission and review process is typically operating without problems. However, from June-August 2024 there were significant delays in production due to technical problems at CUP. The immediate access to the on-line versions in a pre-publication format (pre-copy editing) via the CUP web-site of accepted manuscripts and the diverse metrics associated with the papers published has been welcomed by the editors and readers of the journal. Our CUP contacts have provided the editors and the publications committee with valuable and interesting monthly Publisher's Reports on the demographics of citations which were previously unavailable.

The journal has continued to publish high quality papers in wide range of mineralogical and petrological topics, and in the opinion of the Editors remains the premier periodical for publication of papers concerned with theoretical mineralogy, mineral crystal structures and description of new minerals. This status reflects, in part, our policy of providing full-colour imagery without charge.

The impact factor of the journal has risen from the previous low levels of 2019 (1.738) and 2020 (2.062) to 2.8 in 2023 (2 year IF) and is now similar to that of *Lithos* (2.9) and the *Journal of Volcanology and Geothermal Research*, but slightly lower than that of *American Mineralogist* (3.1). Although our impact factor has increased steadily we consider that these changes in the impact factor of the journal are not a reflection on the quality of the papers published as these were very similar in content to previous years. It is possible that the factor has increased with the introduction of the open access agreements between CUP and worldwide universities. The changes in the impact factor are not readily explicable and perhaps indicate the futility of this ever-changing metric in measuring the quality of publications.

Most papers published from July 1st 2023-June 30th 2024 were green open access, although 29 gold open access papers were published, representing no significant increase over the previous year when 27 gold open access papers were published. The journal continues to publish upon receipt the reports (6 this period) of the IMA New Minerals, Nomenclature and Classification (CNMNC) Committee.

Seventy one papers were published between during the reporting period; 73% were in the field of crystallography, theoretical mineralogy and new minerals, and 27% in the fields of general mineralogy, petrology and environmental mineralogy. This distribution represents an increase in the number of crystallographic papers from (65:35) in the previous reporting period. The subject distribution and senior authorship by country has not changed significantly since the last report. Although Italian and Russian crystallographers provide the bulk of our crystallographic papers, our major contributors in all fields originate from Australia, Russia, the USA and Canada.

One book review was published (Bindi & Cruciani: *Celebrating the International Year of Mineralogy: Progress and Diversity of the Las Decade*, published by Springer Nature).

During this reporting time progress has been made on a special memorial issue consisting of 10 papers in recognition of the late Alessandro Guastoni. Delays in publication are related to technical problems at CUP.

In this reporting period 82 manuscripts were accepted for publication and 38 were rejected. The majority of manuscripts rejected were not with the scope of material published in the Mineralogical Magazine. It was evident in some cases that some of these papers had been submitted to, and rejected, by other periodicals.

Clay Minerals

Four issues of Clay Minerals were published between July 2023 and June 2024. The 4 issues contained 27 papers, one review paper two short papers and one obituary. All issues were published under the new agreement with Cambridge University Press. There is a lag in the publication schedule that had been reduced compared to previous year and increased again due to a security problem within CUP. The papers were printed at the new format with larger (A4) pages.

The research articles covered a wide range of applications, from use in industrial production of ceramics to application as selective catalysts and geotechnical applications, from geology of clays and sediments to soils, bentonites and kaolins, synthetic clay minerals, and physical and chemical properties of clays, antibacterial properties of clays, from environmental applications of clays (green chemistry) to nanocomposites, catalysis, adsorption, minerals (smectite, kaolinite, halloysite, vermiculite, sepiolite, palygorskite, illite, zeolites), ceramics and geopolymers, composites of clay minerals, zeolite, drilling

fluids, clay mineral reactors and locations (15 countries from Western Central and Southern Europe, Africa, Asia and South America). The geographical distribution of the published papers is shown in the following table:

Geographical distribution of the published papers

Country	No of papers	Country	No of papers
China	11	Germany	1
Turkey	4	Greece	1
Cameroon	2	Morocco	1
Iran	2	Pakistan	1
Czech Republic	1	Philippines	1
France	1	Tunisia	1
India	1	U.K.	1
Israel	1		

In the interval 1st July 2023-30th June 2024, 80 manuscripts were submitted from 26 countries from Europe, Asia, Africa and South America, 75 of which went through the system. 32 of these manuscripts were rejected or considered unsuitable for the journal. At the same time interval, there were 142 editorial decisions, 45 of which indicated acceptance (37)/conditional acceptance (8), 45 verdicts suggested major revision, 17 suggested minor revision and 35 rejection including non-suitability for the journal (note that more than one verdict is applied to each manuscript, depending on the number of rounds of revision). The overall rejection rate was 42% (39% last year). The average time from submission to first decision was 39.1 days (47.3 last year). This time is well within the target set last year (up to six weeks) and is the result of the collaborative effort of the editors and the reviewers. There is still a delay in the appearance of the first proof but CUP is working on this point. 549 reviewers were invited, of whom 178 reviewers submitted reviews, 128 declined to review, 240 reviewers were uninvited before agreeing, and 3 were terminated after agreeing.

Currently there is one special issue open. The special issue will include papers that were presented to the MECC24 conference that took place in Plzen, Czech Republic. Miroslav Pospíšil, one of journal's AEs will be the guest editor. The deadline for submission of manuscripts has been set at 31 December 2024. The issue will include the George Brown Lecture paper by Katja Emmerich, which was delivered during the conference. Announcement for this special issue will be uploaded on the webpage of the journal. Finally, together with the new reviews' editor, Javier Cuadros, we contacted three potential review authors (N. Fagel, A. Baldermann and H. Hong) who agreed to submit review papers. The paper by N. Fagel was published in September 2024, that of A. Baldermann will be published in December 2024, and H. Hong has not submitted the review paper yet.

The Editorial Board is working pretty smoothly and most of the members are devoted to their duties. The turnaround time for first editorial decision decreased considerably compared to last year and is well within the time decided in previous EB meetings, i.e. 6 weeks. A hybrid EB meeting took place during the Euroclay 2023 in Bari, Italy on 25 July 2023, both with physical and distant presence. A virtual EB meeting via videoconference has been scheduled for mid-November.

The major challenge we face in the publication schedule of the journal, is the publication lag during the last 2 years. Although the lag has decreased considerably and all papers appear in first view option shortly after their final disposition, their allocation to issues remains lengthy. We are trying hard to resolve the problem with CUP. The security issues emerged in early June 2024, exacerbated the lag issue, which however almost returned to normality in September.

The Impact factor (IF) of the journal in 2022 decreased to 1.1 from 1.5 in 2022, following the overall trend observed for nearly all journals in 2023. This decrease reflects the change of the method of calculation of the IF. The journal is on the right track and we expect that the collective effort of the editorial board, staff and publishing team will help to increase the impact factor further in the following years.

Geo-Bio Interfaces

This new Gold Open Access journal was formally launched in July 2023 by the Society (at the Lyon Goldschmidt conference) to support the growing community with research interests at the interface between mineralogy and the biosciences. The journal complements the Society's other established journals, by focusing on four key areas that intersect across the geo-bio interface: biological (including but not limited to microbial) systems, environmental, geochemical (organic and inorganic), and energy and resources. Original submissions describing fundamental, theoretical, experimental, or applied interdisciplinary studies pertaining to any spatial or temporal scale are considered in scope (including research articles, reviews, and rapid communications). This scope is further specified by the following topics.

Section	Theme
Biological	Biological controls in the modern and ancient geo-environment
	Biological controls in astrogeobiology

	Biofilm form and function
	Contributions to biogeochemical cycles
	Bioweathering of minerals, rocks and soils
Environmental	Bioremediation of toxic substances and emerging contaminants
	Water treatment and wastewater management
	Biocatalysis of minerals and biomineralization
	Biological controls in carbon capture, storage and disposal
Geochemical	Mineral-microbe-fluid reactions, thermodynamics, and kinetics
	Isotope (bio)geochemistry
	Geochemical and biogeochemical reactions, controls and scaling
	Trace metals and organics in biogeochemical cycles
Energy & resources	Biotransformation of economically important minerals and elements
	Challenges of sustainability and geomaterials
	Microbe-mineral interfaces in soil productivity and agriculture
	Biomining prospecting and resource recovery

The journal was established during this reporting period with three **Principal Editors** (Jon Lloyd, University of Manchester; Hailiang Dong, Chinese University of Geosciences Beijing; Annette Engel, University of Tennessee), and a team of 28 international Associate Editors (below).

Associate Editors: Daniel Alessi, University of Alberta, Canada. Liane G Benning, German Research Centre for Geosciences, Potsdam, Germany. Rizlan Bernier-Latmani, École Polytechnique Fédérale de Lausanne, Switzerland. Michael E. Böttcher, University of Greifswald, Germany. Casey Bryce, University of Bristol, UK. Julie Cosmidis, University of Oxford, UK. Yiran Dong, China University of Geosciences, China. Rosemary Dorrington, Rhodes University, South Africa. Qiaoyun Huang, Huazhong Agricultural University, China. Piet Lens, National University of Ireland, Ireland. Juan Liu, Peking University Beijing, China. Muammar Mansor, University of Tuebingen, Germany. Jenine McCutcheon, University of Waterloo, Canada. Mohamed Merroun, Universidad de Granada, Spain. Andy Mitchell, Aberystwyth University, UK. Mihály Pósfai, University of Pannonia, Veszprém, Hungary. Kevin Rosso, Pacific Northwest National Laboratory, USA. Ana Santos, Natural History Museum, UK. Pinaki Sar, Indian Institute of Technology Kharagpur, India. Yizhi Sheng, China University of Geosciences, China. Liang Shi, China University of Geosciences, China. Lucian Staicu, University of Warsaw, Poland. Yohey Suzuki, The University of Tokyo, Japan. Elizabeth Swanner, Iowa State University, USA. Dominique Tobler, University of Copenhagen, Denmark. Eric van Hullebusch, Institut de Physique du Globe de Paris, France. Karrie Weber, University of Nebraska - Lincoln, USA. Jie Xu, Arizona State University, USA.

The first year of journal activities focused on recruiting the AEs and refining the scope of the journal with their help, building the infrastructure for the journal with CUP (using their existing platforms), promoting the journal and commissioning articles. The Principal Editors note the excellent support from CUP (Chris McEntee, Catherine Hill and Harry Busby) throughout. Helen Kerbey has also played a pivotal role as the Society Production Editor, offering strong support to the editorial board including the logistics of processing our first submissions. The new journal welcomed its first manuscript submission in November 2023, with the first three articles ready to appear at the end of the period under consideration. Collections being promoted include: "Biominerals" and "The Biogeosphere: Above, Below and Beyond", with further collections under consideration.

With the journal now up and running, commissioning of new submissions is a priority as *Geo-Bio Interfaces* becomes established. The Society's SIGs are encouraged to promote the journal, and encourage new submissions, while we continue to publicise the journal at national/international meetings (e.g. EGU, EMC, Goldschmidt), and via the Society's and CUP's marketing campaigns.

Applied Mineralogy Group

The group has welcomed new committee members: Bethan Payne (Edinburgh) – new student representative and EDI representative; Martin Li (Brighton) – ordinary committee member; Onyedika Anthony Igboke (St Andrew's) – ordinary committee member; and Rachel Purvis (Southampton) – Student representative.

Many thanks to departing members Katie Mcfall, Hannah Hughes, Rachel Gallagher, Will Brownscombe and Tim Webster.

AMG Bursary calls were held in September 2023 and April 2024. Topics funded included Geochemical characteristics of regolith hosted REE deposits, India; The role of fluids in critical metal deposits; the metallurgy of sulphide mineralisation in the Northern Bushveld Complex; Magmatic controls on Ni-Cu-PGE mineralisation in the Platreef; Earthquake damage in minerals; Seafloor mineralisation; Novel mineral processing techniques; Critical metals deposits and processing; Mineral-microbe interactions in geological disposal facilities. An impressive range of applied mineralogical research!

Issues of the group's newsletter, *Applied Mineralogist*, were compiled (with a many thanks to Christian Bishop for editing) and circulated to the Mineralogical Society Membership in July 23, December 23 and June 2024.

AMG members attend the Mineral Deposits Studies group Annual Meeting in Edinburgh 3rd-5th January 2024. The group sponsored the prize for the best student dissertation project. The prize was awarded to Andy Battagel from Camborne School of Mines for a dissertation on platinum-group element mineralisation the Platreef of the Northern Limb of the Bushveld Complex.

Clay Minerals Group

Committee Meetings

The CMG held four committee meetings, all online (5th July 2023, 21st November 2023, 15th February 2024 and 30th April 2024).

Research in Progress Meeting

The CMG's Research in Progress (RiP) Meeting took place on the 17th May 2024 at the University of Edinburgh and was organised by Valentina Erastova, Sarah Stewart, Hannah Pollack (all of the University of Edinburgh) and Nia Gray-Wannell (The James Hutton Institute). An in-person pre-meeting workshop was held on the 16th May 2024. This workshop covered the use of 'ClayCode'. The main meeting on the 17th May, was titled '*Molecular Modelling in Clay Science*' and two sessions were held on the day; the first titled '*Creating Accurate Clay Models*' and the second '*Application within Clay Science*'. There were two keynote talks presented, one by Andrey Kalinichev (IMT Atlantique, France) and another by Chris Greenwell (Durham University, UK).

The meeting remained free for all delegates to attend, and it was a successful event in an emerging area of clay science. Overall, there were 2 keynotes, 12 presentations from students, ECRs and established individuals, and seven poster presenters (with those present online able to briefly discuss their posters with the judging panel). The event was enjoyed by a good number of attendees both in-person and online.

The best student poster award went to Rogers Swai (Umeå University, Sweden) for the poster titled "*Molecular dynamics simulation of ciprofloxacin adsorption on sodium montmorillonite*", and the best student talk award went to Rixin Zhao (China University of Petroleum (East China), China) for "*Revealing crucial effects of reservoir characteristics and hydrocarbon fractions on fluid behaviour in kaolinite pores*". Both awardees were online participants in the meeting.

CMG Newsletter 'Phyllosophical News'

A team of Early Career Clay Scientists has been working on putting together a regular CMG newsletter, which was launched as part of the 75-year Jubilee Year. The third issue was published in August 2023 and the fourth issue in April 2024. The issues continue to cover technical science and some 'lighter' articles.

We are very indebted to the original editorial team who have now fully handed over the publication of the newsletter to the new team, following a joint production of the fourth newsletter.

Original editorial team: Megan Baker (University of Durham), Nia Gray-Wannell (Hutton Institute) and Maggie White (Newcastle University).

Current editorial team: Hannah Pollack (University of Edinburgh), Gloria Wie-Addo (Sheffield Hallam University) and Jagannath Biswakarma (University of Bristol).

Bursaries

The CMG continues to offer support for conference attendance through their ordinary bursary. In the reporting time, we have had six applications for ordinary bursaries, of which four were awarded for attending our RiP meeting. However, three remained unclaimed due to issues with visa applications and changes to travel plans. The other two applications (to attend other conferences) were declined.

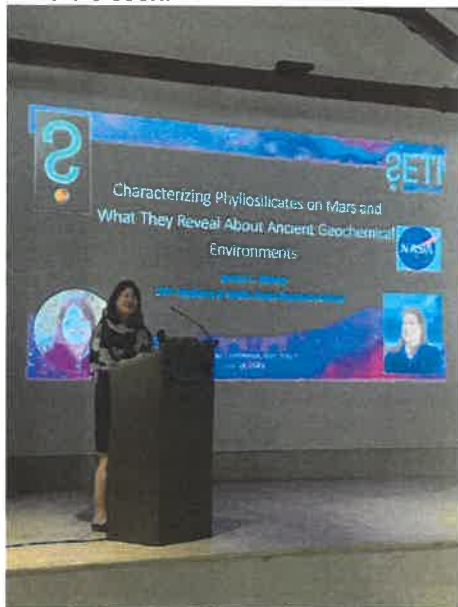
We have had one application for our research grant. However, this could not be processed due to incomplete information. There will be a focus on advertising this grant going forward.

European Clay Groups Association (ECGA)

During this period the ECGA, of which the CMG is an active member, have elected a new president and secretary for the group (Maguy Jaber and Peter Uhlík, respectively). The group has also reviewed, and agreed in principle, the Spanish Clay Group's proposal to organise and run the next Euroclay meeting, which will be the first under the new name of CLAY 2027. Under the new leadership, discussions have also started regarding applying for funding for training and networking events. A proposal for COST Action funding is at the early stages of planning and should be submitted in October 2024.

CMG-sponsored activities

George Brown Lecture: During the reporting period, the CMG provided talks at prestigious Clay Conferences such as Euroclay (Bari, Italy, 24-27 July 2023), where Janice Bishop (SETI Institute & NASA Ames Research Centre) delivered the 24th George Brown Lecture (*Characterizing phyllosilicates on Mars and what they reveal about ancient geochemical environments*) on behalf of the CMG. The review paper related to this George Brown Lecture will be published in *Clay Minerals* soon.



Conference Organisation

The CMG, under the lead of Steve Hillier and Kevin Murphy, continue with the organization for the XVIII International Clay Conference (ICC) in Dublin, Ireland 13-18 July 2025. The website is now populated with a lot of information, including details on available bursaries (including those from the CMG) and details for the call for sessions which will open in July 2024.

Social Media

The CMG's Twitter (X) account (@CMG_minsoc) remains one of our important means of communication. The LinkedIn Group (Clay Minerals Group (MinerSoc)) is targeting outreach to and communication with industrial colleagues.

Howie Award – November 2023

We extend our congratulations to Marta Pelayo, Thomas Schmid, Francisco Javier Díaz-Puente and Jerónimo López-Martínez, who were winners of the 2023 Howie Award (Best Paper Award) for their paper, *Characterization and distribution of clay minerals in soils of Fildes Peninsula and Ardley Island (King George Island, maritime Antarctica)*. Their paper was published in our journal *Clay Minerals*.

Annual General Meeting and CMG Committee Membership

The CMG AGM was held online on 21st November 2023. Helen Pendlowski was elected as Chair of the group and Anke Neumann as the Secretary. Kirill Shafran was elected to replace Francis Clegg as Treasurer. Francis will remain as an ordinary member of the committee, but we thanked him for all of his work during his time as Treasurer.

The committee membership for 2023/2024 is as follows:

Chair: Helen Pendlowski

Secretary: Anke Neumann

Treasurer: Kirill Shafran

Principal Editors *Clay Minerals*: George Christidis, Chun Hui Zhou

EDI representative: Binoy Sarkar

Members: Megan Baker, Francis Clegg, Steve Hillier, Simon Kemp, Alastair Marsh, David Wray

Environmental Mineralogy Group

Committee Roles

There have been some further changes to the roles on the EMG committee since the previous annual report. Long-serving members of the committee, Laura Newsome and James Byrne, have stepped down from the committee. Other members of the committee have also left and so there is now a new-look EMG committee. Despite the changes below, the committee is

actively seeking new members, particularly those who wish to join in role of Early Career representative. The current committee is as follows:

Chair: Luke Townsend

Secretary & EDI Representative: Kath Rothwell (k.rothwell@bristol.ac.uk)

Treasurer: Tom Neill

Communications Officer: Rick Kimber

Early Career Representative: Vacant

Student Representative & Newsletter Editor: Latham Haigh

Industrial Representative: Aislinn Boylan

Research in Progress (RiP) Meeting 2024

The 2024 EMG RiP was set to take place in July and was very successful. The meeting was hosted at the University of Manchester jointly with the RSC Radiochemistry Group. A full report was submitted to the Society and is due for publication in 'Elements' magazine. The meeting brought together researchers from a wide variety of UK institutions and career stages for a valuable two half day meeting where themes that were covered included radioactive and non-radioactive contaminated land, geological disposal of radioactive waste, and mining. The keynote talk was delivered by Prof Claire Corkhill (University of Bristol) whose engaging and interesting work intersected the two themes of environmental mineralogy and radiochemistry very well, drawing on how naturally occurring minerals can help to inform disposal of radioactive waste.

As the meeting was held jointly with the RSC Radiochemistry group, there was the opportunity for EMG members to explore new areas of science to which they may not usually be exposed, including advanced spectroscopic analytical techniques and modelling. This was also true for members of the RSC Radiochemistry group who were attending and as such, good, insightful discussions were had between all attendees. These positive interactions were not just limited to the presentation sessions as the optional meal was well attended and this provided an invaluable opportunity for researchers to network with their peers in a more relaxed setting.



Newsletter

Latham Haigh continues to work on the newsletter with the latest version available here: [Environmental Mineralogy Explorer - Mineralogical Society of the UK and Ireland \(minersoc.org\)](https://minersoc.org)

Early Career & PhD Bursaries

Over the year, two sets of Early Career & PhD bursary were awarded. In November 2023 one Early Career bursary was awarded (Rémi Rateau) alongside one PhD bursary (Boontharee Chomhom). In April, three awards were made; one ECR (Natalie Byrd) and two PhD students (Aidan Friskney & Mingyu Feng).

EMC (Dublin) Support

The EMG agreed to support the cost of a speaker at the international EMC conference in Dublin. The session (Crystallisation of carbonates: Mechanisms, kinetics, methods, case studies, and novel applications), organised by Rémi Rateau, invited Ashley King of the Natural History Museum, London, to present their work on 'Tracing Fluids in the Early Solar System Using Carbonates'.

Geochemistry Group

The Geochemistry Group promotes geochemistry as a discipline, and enhance links between the many areas of geochemistry. We have a particular focus on early career geochemists (PhD candidates and postdocs) and look to provide a showcase for new geochemical talent in the UK and Ireland. Our main activities include an annual Geochemistry Group Research in Progress meeting in April each year (Durham in 2024), as well as running two postdoctoral awards, student travel bursaries and meeting support.

At the AGM at the GGRiP meeting in Durham, a new Chair was appointed (Paul Savage). This brings an end to Marc-Alban Millet's role on the GG committee; we would like to thank Dr Millet for his years of sterling service to the committee, over 7 years. The new committee chair has set out his action plan which aims to focus on the following aspects:

- Increase engagement across the UK, particularly in academic institutions where previously this has not been strong, as well as with industry
- Increase cross-PSIG collaboration
- Increase the ability and reach of the Geochemistry Group to financially support the UK and Ireland geochemistry community.

We are continuing with our two online panel discussion series, ECR Skills Programme, and Out of Academia – Into Science. In the past year we held three ECR skills events entitled “Things I wish I knew when I started my PhD”, “Navigating Peer-review” and “Navigating PDRA positions”. Going forward, we will repeat our “Things I wish I know when I started my PhD” event in the autumn of 2024, and have a “Data visualisation” workshop in preparation.

The Out of Academia events were previously ran as panels, but are now moving to a written format with profiles available on the GG website as a resource for the community. We have plans for profiles on “Moving in and out of academia” and “Green energy transition” employees.

We have put in place a peer mentorship scheme, which ran for the first time in 2024. The Geochemistry Group Mentor Scheme (GGMS) is designed to connect ECRs and PhD students with more established geochemists. ECRs and PhD students who are members of the Mineralogical Society of the UK and Ireland, and/or the Geological Society of London are eligible to apply. Mentees were paired to mentors based on mentees' preferences expressed during application (e.g. career stage vs subject area).

This first year had 12 mentees (out of 25 applicants, including PhD, ECR and technical staff with UK/Ireland:overseas ratio of 5:1) and 9 mentors (all drawn from the GG committee in the initial year). It was viewed as a success by both mentors and mentees and will be ran again in 2025.

The Geochemistry Group continues to award bursaries to support scientific meetings, as well as student travel grants. We also make 2 awards annually, specifically focused on celebrating the success of postdocs. These are awarded at the first meeting in each calendar year. This years' postdoctoral medal, which recognises the best paper in a given year first-authored by a postdoc, was awarded to Dr Rayssa Martins (Cambridge) for the following paper:

Martins, R., Kuthning, S., Coles, B. J., Kreissig, K., & Rehkämper, M. (2023). Nucleosynthetic isotope anomalies of zinc in meteorites constrain the origin of Earth's volatiles. *Science*, **379**(6630), 369-372.

The ECR prominent lecturer award was awarded to Dr Ross Whiteford (University of St Andrews, now at Royal Holloway). This awards funds a lecture tour that will allow Dr Whiteford to promote himself and his research.

Finally, our annual conference, Geochemistry Group Research In Progress, (GGRiP) 2024 took place at the University of Durham from the 9th to 11th of April. We ran this event over 2.5 days, there were 106 delegates, representing over 20 institutions; approximately 40% of delegates registered as students. The keynote speakers were Drs. Elliott Carter (Keele), Rayssa Martins (Cambridge), Erin McClymont (Durham) and Michelle Harris (Plymouth). The venue was excellent (the Teaching and Learning Centre) and the committee would like to congratulate the Local Organising Committee (Drs. Catriona Menzies and Julie Prytulak) as well as Marc-Alban Millet and Marie-Laure Bagard, and Kevin Murphy and Russell Rajendra for helping to arrange such an excellent meeting. The committee would also like to thank the industry sponsors.

At GGRiP, the committee welcomed 4 new members to replace departing members. As of 31st June 2024, the committee was composed as follows:

Chair: Paul Savage

Secretary: Marie-Laure Bagard

Treasurer: Jane Barling

Communications: George Cooper

Ordinary Members: James Bendle, Catriona Menzies, Kathryn Shaw, Helen Williams, David Wilson, Eleanor Georgiadis, Madeleine Stow

Co-opted members: Queenie Chan, Savannah Moore
Student members: Fawn Holland, Chen Xu

Geomicrobiology Network

Committee meetings were held on 24/10/2023, 27/02/2024 and 18/06/2024.

A joint Research in Progress meeting was run with the Environmental Mineralogy Group, at the University of Limerick, on 7-8 September, 2023.

New social media coordinators were appointed: Neda Tomlinson (NHM), Maria Magliulo (NHM) during the year. The committee updated its website details and extended outward-facing social media information about GMBN to increase membership, promote the interests of the network and to raise UK/international awareness.

Discussions/planning are ongoing for the GMBN to offer student research bursaries (expected autumn 2024).

Discussion is also ongoing about the possibility of co-hosting the GMBN 2025 RiP with a Geobiology Society event.

The Network is actively involved in promoting the new Mineralogical Society-Cambridge University Press journal, *Geo-Bio Interfaces*.

We are planning that the seminar series will restart in autumn 2024 with the first presentation by Dr Matt Streets on, 'The Transition into Industry: 10 Key Skills for Early Career Researchers'.

We have devoted some time at committee meetings to the question: 'How can we continue to serve/support our members intellectually and professionally?'

Metamorphic Studies Group

This report summarises the main activities of MSG, including the flagship Research in Progress (RiP) meeting, the Barrow Award, outreach initiatives and committee meetings.

2024 Research in Progress meeting

The annual MSG 'Research in Progress' (RiP) meeting was held at the University of Bristol on 26–28 March. The meeting comprised a one-day kinetics workshop, led by John Wheeler (University of Liverpool), followed by a two-day conference. The meeting was held as a hybrid event, with 39 people in person, and 16 people joining online. In total, 16 countries were represented, reflecting the increasing international profile of MSG.

Twenty-seven talks were given across the two days of the conference, covering a range of topics spanning from traditional regional studies of metamorphic terranes to modern machine learning approaches to petrographic datasets. A poster session was also held on the first evening, comprising eleven posters.

The meeting finished with the presentation of the 2024 Barrow award to Pierre Lanari (University of Bern, Switzerland), who gave a very thought-provoking presentation on 'Unlocking Earth's secrets: Methods for probing metamorphic Processes'. Alessia Borghini (AGH University of Kraków, Poland) also gave a fascinating keynote talk on 'Melt inclusions in eclogites record deep element cycles and element transfer to the mantle'. Finally, Richard Taylor (Zeiss) gave a talk on behalf of Zeiss microscopy, who generously sponsored the event, on the cutting edge of 'How deep learning is changing microscopy'. We were delighted that all invited speakers were able to attend the event in person.

Alix Osinchuk (University of British Columbia, Canada) was awarded the student talk prize, with a special commendation given to Hero Bain (University of Bristol). Thorsten Markmann (University of Bern, Switzerland) was awarded the best student poster prize, with a special commendation given to Nicholas Lucas (University of Cambridge).

Special thanks to Freya George (University of Bristol) for organising the meeting, the University of Bristol for hosting the event, Zeiss for sponsoring the event and the student poster prize, and John Wheeler for running the kinetics workshop.

2024 Barrow Award

Dr. Pierre Lanari was the unanimous choice amongst judges for the 2024 Barrow Award, which was announced via various social media platforms on 26 January 2024. The MSG committee wrote an extended citation, which can be read at <https://metamorphicstudiesgroup.wordpress.com/>. Pierre gave an in-person award winners talk at the 2024 RiP meeting, during which he received the award.

Student bursaries

The annual MSG student bursaries call closed on 31 December 2023. The committee agreed by email circulation to award bursaries to all six applicants, all of whom applied to attend the 2024 RiP meeting.

IUGS 'Second 100'

MSG is an official partner in the selection of 'The Second 100' IUGS Geological Heritage Sites by the 'International Union of Geological Sciences (IUGS) Commission on Geoheritage'. The two metamorphic outcrops put forward by MSG (the Barrow Zones of Scotland, and the Orijärvi region of Finland) have been selected in the final list. The second 100 are to be officially

announced at the 37th International Geological Congress in Busan, South Korea in August 2024. Following reviewer comments, revised versions of the two submissions were sent in for the April 21 deadline.

EMC2024

MSG helped to promote the EMC2024 conference, to be held in August 2024. It sponsored Simon Schorn (University of Mainz) to attend the event as a keynote speaker for the 'Partial melting in continental settings' session.

2023/24 committee meetings

Online committee meetings were held on 8th November 2023 and 20 May 2024.

2024/25 committee

The annual AGM was also held at the RiP meeting, with the committee membership now comprising:

Chair: Owen Weller (University of Cambridge)

Secretary: Richard Palin (University of Oxford)

Treasurer: Batzi Fischer (University of St Andrews)

Barrow award organiser: Freya George (University of Bristol)

Student representative and webmaster: Nicholas Lucas (University of Cambridge)

Committee members: Catherine Mottram (University of Portsmouth), Barbara Kunz (Open University), Clare Warren (Open University)

Vacant: EDI officer, Field trip organiser, International representative

Mineral Physics Group

Research in Progress meeting 2024

Much of our efforts over the past year were focussed on planning our Research in Progress meeting which took place at the Department of Earth Sciences, University College London on the 18th and 19th of July 2024. This included designing the event, setting up a registration website, advertising the event via mailing lists and Twitter and inviting speakers with a view to ensuring a careful balance of gender, career stage and field. The meeting was primarily an "in-person" event but did have online attendees also. All talks were recorded and made available through the meeting website. Because of the central London location, booking a venue for the meeting dinner was a challenge. We opted to cover the cost of the meal for attendees, meaning that we could pre-book a venue at Birkbeck, University of London. Overall, our cost for the meeting was higher than in recent years, £1750, meaning a small reduction in our budget surplus. After the meeting concluded, our AGM was held, where the decision to invite applications for a new chair and at least one new committee member was agreed. It was also decided that the next RiP meeting will be hosted by Edinburgh.

Student bursaries

The MPG runs a student bursary scheme which supports student attendance at scientific workshops and meetings, travel expenses related to research visits and small UK-based research projects. Since the last report, we have had 2 applicants to this scheme, both PhD students from Oxford who used the funds to enable travel to the RiP meeting in London for a total of £500. Given the increase in uptake of this bursary compared to previous years, we consider the changes to eligibility and additional advertising to be a success but still see room for improvement.

Committee membership

Since the last annual report, The MPG committee has seen one member leave (Emilie Ringe, Cambridge) and the chair (Oliver Lord, Bristol) was set to step down in October 2024 (but will continue to serve as an ordinary committee member for the coming year). Alfred Wilson-Spencer applied to serve as chair and the committee unanimously agreed on his election. We advertised for new ordinary members of the committee on our mailing list and had 5 applicants. Based on voting by the committee, we have added Zena Younes (Edinburgh) and Simon Hunt (Manchester), and now consider ourselves to have full membership.

The full committee is as follows:

Chair: Alfred Wilson-Spencer (Leeds)

Treasurer: Stephen Stackhouse (Leeds)

Secretary: Eleanor Jennings (Birkbeck)

Ordinary Members: Oliver Lord (University of Bristol), Auriol Rae (Edinburgh), Tetsuya Komabayashi (Edinburgh), Claire Nichols (Oxford), John Wheeler (Liverpool), Fred Richards (Imperial), Zena Younes (Edinburgh) and Simon Hunt (Manchester).

Volcanic and Magmatic Studies Group

The main activities of VMSG are conferences, sponsoring of awards, funding travel bursaries for PhD students, publishing a quarterly newsletter and keeping in regular contact with our community through email and social media (X, Facebook, Instagram and our YouTube Channel). This report summarises activities from July 2023 to June 2024.

VMSG Committee meetings

The VMSG committee meets formally twice per year, in June and December. In between these dates, we arrange awards meetings, a new structure adopted over the past year to ensure that our awards timelines fit better with international conference scheduling and the summer fieldwork period.

At the committee meeting in June 2023, it was decided to move the winter committee meeting online, to be held in December, rather than having the main committee meeting at the January VMSG conference, given time pressures on the conference schedule. This also meant that final discussions on conference structures can be had among the committee, ahead of the conference. A short, informal committee meeting was also held in October 2023 to progress discussions on 60th Anniversary plans. We will retain the timing of June and December for the main committee meetings in the future. Key discussion points at the December meeting were plans for the Bristol January 2024 conference and final decisions on events to mark the VMSG 60th Anniversary (see below). A second committee meeting was held in June 2024, where major discussion points were plans for the Dublin 2025 conference, alongside updated on 60th Anniversary events and an updated VMSG EDI survey and report. A separate awards meeting was held in April 2024 to make decisions on student bursaries, which worked well and made the June meeting more streamlined. A short committee meeting was also held at the January 2024 meeting in Bristol. The new structure has had the benefit of ensuring more regular contact among the committee through the year.

Conferences

The Annual Winter meeting was held at the University of Bristol from 3-5 January 2024. There were 201 in-person registrants and 10 online attendees, with a 55:45% split of students to non-students. This balance was retained in the division of 43 oral presentations. There were 115 poster presentations. There was a split of 55:45% female to male identifying attendees. Conference sessions were all mixed in terms of theme and included presentations from the three VMSG award winners.

Before the conference, four workshops were organised, with 55 participants overall. The workshops were led by various members of the VMSG community, on the topics of: satellite-based volcano monitoring; data visualisation; volcanoes and their intersection with society; and an ECR fellowship writing workshop. The conference was followed by our AGM where we communicated and discussed VMSG committee activities with the members, and hosted forums with our student members and Early Career Researchers and a new forum dedicated to equality, diversity and inclusion.

The conference student awards went to Tegan Havard (talk) and Ceri Allgood (poster).

We would like to record thanks to all of the local organising committee of Pete Rowley, Juliet Biggs, Sam Mitchell, Ailsa Naismith, Matt Watson, Edna Dualeh and Gregor Weber.

Finances

The total balance in the VMSG account on 30/06/2024 was £32,372.74. This value is unlikely to be able to support the full cost of covering an annual conference in a worst-case scenario so attempts will be made to grow our bank balance.

Over the year, the committee travel expenses include costs incurred for attendance at the VMSG 2024 Bristol conference. A total of eight travel bursaries were claimed in the reporting period. One workshop at the Natural History Museum was supported alongside support for the inaugural IAVCEI VIPS conference. Awards expenditure includes £400 for the WA award winner (Edna Dualeh) and £300 for two student prize winners (Tegan Havard and Ceri Allgood) at the VMSG 2024 Bristol conference. Expenses categorised under 'Other' include an annual audit charge (£592.00), and a copyright payment (£101.50). £840.29 was spent in support of Claire Harnett's travel to represent VMSG at IUGG (shown in 'Meetings and Conferences Support and Donations').

We received our annual contribution of £2000.00 from the parent Societies, £433.06 in interest from investments, and minor reimbursements from VAT reclaimed. We also received £3,428.68 in surplus from the VMSG 2024 Bristol conference.

The net change in the VMSG bank balance between 12/07/2023 and 30/06/2024 was a loss of £1296.97.

VMSG Awards and Bursary Winners

In addition to the student awards presented at the Bristol meeting in January 2024, we presented at Bristol the Willy Aspinall award to Edna Dualeh (University of Leeds), the Zeiss Award to Martin Mangler (University of Durham), and the ThermoFisher Award to Clive Oppenheimer (University of Cambridge). The 2024 awards will be agreed later in the year and presented at the 2025 Dublin meetings.

Two student bursaries were awarded in January 2024 and, following the revised awards timeline, with decisions now to be made on awards rounds in April and October, two further student bursaries were awarded at the April 2024 awards meeting. The Henry Emeleus award was also agreed at that meeting.

Our awards criteria have continued to be a discussion point at committee meetings, with changes now implemented to the awards timeline, as noted above, and to other requirements. The student bursary application rounds have been moved to March and September, to better match with the main conference and field season timings. We have also moved the application deadlines of the Henry Emeleus grant and the Willy Aspinall and Zeiss awards to coincide with these dates, so that awards can be dealt with in short meetings separate from the main committee meetings. The main committee award, the VMSG award, will also be decided at the Autumn meeting. Our changes to submission rules are designed to make accessibility to these awards as wide as possible. VMSG committee members cannot nominate for any award (although can self-nominate for the Zeiss award) and will not be involved in evaluating any award for which they are eligible.

Membership

Our on-line presence remains highly active. Information is disseminated to the group members via our newsletter which is circulated quarterly to a mailing list of ~1000 people, and via the VMSG website (<https://vmsg.org.uk/>) and active social media accounts. VMSG members are self-identifying and we keep no list of members. During the past year, our EDI officer led a new survey, which has fed into a report that will be finalised during late 2024, to help us better understand our community.

VMSG 60th anniversary events

The Bristol meeting marked the start of the VMSG 60th Anniversary events. At the meeting itself, this included a keynote talk from Prof. Steve Sparks; the organisation of an art and photography exhibition, which was displayed at the conference and was also used to produce a 60th Anniversary calendar, the Bristol Volcano Film and Art Festival, which was held immediately after the Bristol conference at the Watershed venue, involving the screening of two films (one with a free screening), a discussion/Q&A, and art exhibits and activities (free entry).

A series of seminars has been running through 2024 at universities across the UK and Ireland to mark the 60th Anniversary. These are, wherever possible, streamed online and/or recorded for the VMSG YouTube channel. They are also open to the public and to students. Generally, these have been part of local seminar series but badged as part of the VMSG 60th Anniversary events and advertised via our structures, in addition to local advertising.

Workshops and other events

Two events were supported by VMSG in July 2023: the Sensing Volcanoes exhibit, which formed part of the Royal Society Summer Exhibition, and the Researchers Responding to Volcanic Crises workshop.

YouTube, Social media and website

Social media followings have continued to grow gradually throughout 2024, with the exception of Twitter/X which showed a slight decrease in the latter half of the year (though this isn't unexpected, given the continued migration of academics from Twitter to BlueSky). From October 2023 to October 2024, new followers on Twitter/X total 381 / 8%, Instagram 65 / 10%, YouTube 26 / 10%, and Facebook 4 / 1%. Specific details are as follows:

YouTube (281 subscribers): Over the past year we have received 3,283 views totalling 108.9 hours, which is roughly equivalent to the previous year. There was a big spike in views associated with release of the recordings from the first two of our 60th anniversary seminars in May 2024. Subscriptions to our channel are sporadic throughout the year. Of our most watched videos, the majority are recorded conference presentations: 29 videos have >100 views. Our most watched video remains "Addressing inequalities in the VMSG community" with 822 views to date. Traffic to videos is mostly from a mix of playlist, external and YouTube search sources, between them making up 63.6% of views. The main external sources are Google search, Facebook, X, and the VMSG website (including presenters linking to their own talks).

X (5,262 followers): Our tweets over the past year have usually generated ~700-2000 views each, usually with a dozen or so 'likes' and half a dozen reposts. Engagement has continued to drop since Elon Musk's takeover and associated changes to the platform, which is reflected in the fact that between June and October 2024 we lost followers for the first time. Recently, our most viewed/retweeted tweets have involved announcements for VMSG award nominations, and advertisement of our 60th anniversary seminar series. Despite the recent drop, we've seen an overall increase in new followers over the past year (381) and surpassed 5,000 followers since the end of 2023. There has seemingly been no movement on Musk's threats to bring in a subscription model for all users, but the apparent mismanagement of the platform and proliferation of disinformation (especially with regard to scientific content) has seen a steady migration of scientists and science communicators to other platforms such as BlueSky. As we have also now been able to establish an account on this platform, we can engage with those that have moved and are yet to by posts being shared on both in tandem, and trends in followers for both can be monitored going forwards.

VMSG Committee 2024

- Chair: Prof Tamsin Mather – University of Oxford
- Honorary Secretary: Dr Sebastian Watt – University of Birmingham
- Honorary Treasurer: Dr James Hickey – University of Exeter, replacing Dr Sami Mikhail - University of St Andrews from January 2024

Ordinary Members

- Katie Preece (Equality, Diversity and Inclusion Officer)
- James Dalziel (Social Media lead and shadowing Web manager)
- Emma Nicholson (Liu) (Awards and Bursaries)
- Brendan McCormick (Events/Outreach)
- Pete Rowley (Events/Outreach)
- Lara Mani (Sponsorship)
- Claire Harnett (ECR Rep)
- Ed McGowan (Web manager)
- David Neave (Newsletter)
- Rahul Subbaraman (Student Rep)
- Kerys Meredew (Student Rep)

DISTINGUISHED LECTURER PROGRAMME

The distinguished lecturers for 2023-24 were Prof. Claire Nicholls (U. Oxford) and Prof. Chris Greenwell (Durham U.). Between them, they delivered lectures at the Universities at Manchester, Exeter, Edinburgh, Aberdeen (Nicholls) and Cardiff, Dublin (Univ. College) and Greenwich (Greenwell).

EQUALITY, DIVERSITY AND INCLUSIVITY

The EDI Committee met three times in the period (September, '23, January '24 and March '24). The Committee comprises of a Chair (Laura Kelly) and Vice Chair (Ana Santos), together with Sally Gibson, Kevin Murphy and a diverse group of members representing all the SIGs, some of whom are now retired from the committee. Over the period in question the following were members of the Committee for at least part of the period: Kath Rothwell, Anna Bidgood, Binoy Sarkar, Queenie Chan, Savannah Worne, Oliver Lord, Katie Preece, Ece Kirat, Katie McFall, Helen Pendrowski and Frances Cooper. The Chair would like to acknowledge the valuable input of all past and present Committee members and thank them for their efforts, whilst also encouraging those who believe they could contribute to the Society's ongoing efforts to foster EDI, to consider becoming an EDI Committee member. Please contact the Chair, Vice Chair or Kevin Murphy if you have any queries about Committee membership or role expectations.

Whilst the remit of the EDI Committee was and remains broad, we have focused our efforts during the period on advancing three key areas, namely membership, awards and meetings. With membership our goal was to ensure a unified and open approach to increasing membership numbers, broadening our geographical reach, and making our membership more accessible and appealing to a wider range of people, geographically, economically and with respect to career stage. To achieve this we have thought long and hard about wording on the website, in addition to membership rates, our free memberships and membership benefits. The results of this include a doubling of the free memberships each year (150 to 300) and an extension of the free membership period to three years, together with other benefit modifications listed on the membership pages (www.minersoc.org/membership.html). One of those benefits relates to the second of our key areas of focus over the period, meetings. Meetings are now hybrid as standard and we have generated a checklist for those organising conferences/meetings to promote diversity, inclusivity and equality at all stages of organisation (<https://www.minersoc.org/guidelines.html>). As part of our review of meetings we have thought about our Code of Conduct and ensured greater visibility on the MinSoc website. In addition we have made significant progress in discussions on how members and meeting attendees can report incidents of bullying, harassment, discrimination or any other unwanted and unacceptable behaviour during Society events. Finally to awards. In reviewing the wording previously used for each award the Committee recognised that there were often ambiguities, and at times conditions and eligibility did not take into consideration issues such as career breaks. These issues have now been resolved on the awards pages and eligibility criteria more robustly and coherently described. We have also extended the criteria considered, moving from the restrictive "evidence in the form of published research" to a broader range of considerations. Furthermore, one of the key debates around awards was whether people should be allowed to self-nominate/apply rather than requiring others to nominate them; it was decided the former would be standard going forward and the website reflects this.

FINANCIAL REVIEW

Treasurer's Report

This report is underpinned by a full set of accounts which have been audited by an independent auditor. This measure is in place to ensure that the Society is being run in accordance with its charitable status, and give a true view of the financial position of the charity at this time.

The main summary of the income and expenditure of the society can be seen in Fig. 1, in the consolidated statement of financial activities. The Society has an operating deficit of £38,984 (expenditure exceeding income) for the year. This figure might seem initially daunting, but I hope this document can explain some of the reasons behind this. When we consider however the re-valuation of property, and net gains on investments, the society's total funds stand at £1,476,139 (compared to a value of £1,406,210 for the year ending 30th June 2023) and so I believe the society is still in a healthy financial situation.

CONSOLIDATED STATEMENT OF FINANCIAL ACTIVITIES

	Notes	2024			2023
		Unrestricted Funds	Restricted Funds	Total Funds	
		£	£	£	£
Total Income		296,836	5,428	302,264	328,115
Total Expenditure		-337,998	-3,250	-341,248	-312,844
Net expenditure and Net Movement in Funds before Gains and Losses on Investments		-41,162	2,178	-38,984	15,271
Surplus on property revaluation	8	30,000	-	30,000	
Net Gains (Deficit) on Investments	9	78,913	-	78,913	-9,224
Net Movement in Funds		67,751	2,178	69,929	6,047
Total Funds 1 July 2023		1,375,681	30,529	1,406,210	1,400,163
Total Funds 30 June 2024		1,443,432	32,707	1,476,139	1,406,210

Figure 1. Summary of the Society's financial activity in the year ending 30th June 2024 compared to the previous year (see p. 23 of these audited financial statements dated 29 November 2024).

Income streams to the Society can be seen in Fig. 2. Investment income remains relatively steady, increasing slightly compared to the previous year, and membership income seems to continue to decrease, down ~£1,700 from last year. The Special Interest Group (SIG) income has increased by around 15% from the previous year. The main shift in income is due

to a decrease in monies from Cambridge University Press, for our journals, down around £30,000 compared to the year ending June 2023. This is something the Society will need to factor into budgeting moving forwards as the publishing landscape is changing.

Coupled to the decrease in income is an increase in expenditure (Fig. 2). The SIG expenditure has increased significantly (beyond the increase in income) and I think should be taken as a positive sign – the SIGs are increasing their activities again following the recovery from the pandemic, and are supporting more travel bursaries and conferences than in recent years. It should be highlighted here though that this increase in expenditure is all against monies already held in their individual accounts, they are all in credit (see note 11 of the full accounts for the balance of each SIG group within the main SIG account). Other expenditure has largely increased as we would expect. Office expenses have increased (staff remuneration, insurance, utilities etc.), but the balance of expenses assigned to charitable activity compared to those of governance remains relatively constant, with 76% of staff time, costs and office usage supporting the charitable activities of the society, and 24% spent on governance and support costs. This is comparable to the benchmarks suggested by the Charity Commission.

Income	Notes	2024	2023
		£	£
Donations and Legacies	4	2,250	2,250
Investment Income	5	24,498	22,775
Income from Charitable Activities			
Members' Subscriptions		28,745	30,478
Gift Aid		389	787
Conference and Meetings Support		-	2,560
Cambridge University Press MM & CM	140,104	180,400	
Cambridge University Press Geo Bio Interface	10,675	150,779	180,400
Publications Income		24,551	27,593
Special Interest Groups Income (Page 23)	81,624	72,587	
Less: Allocation from Mineralogical Society	-16,000	85,624	56,587
Miscellaneous Income		-	150
TOTAL Income		296,836	323,580
Expenditure			
Contribution to Sustaining Membership Fund		2,691	2,703
Expenditure on Charitable Activities			
Subscriptions		457	643
Journals Expenditure			
Elements		8,737	10,327
Conference and Meetings Expenditure		880	8,621
Mineralogical Society Medals		1,007	1,379
Distinguished Lecturer			902
Website and Future of the Society			
Journal Editorial Costs MM & CM	39,691	39,862	
Journal Editorial Costs Geo Bio Interface	14,594	54,285	39,862
Publications Expenditure - Net		-3,768	6,698
Travel Bursaries		4,107	4,110
Special Interest Groups Expenditure (Page 23)	89,229	72,350	
Less: Transactions with the Mineralogical Society	-2,046	87,183	66,212
Office Expenses	6	124,272	114,211
Support Costs	7	57,533	52,958
Depreciation	8	614	799
Miscellaneous expenditure		-	-
TOTAL Expenditure		337,998	309,425

Figure 2. Summary of Society income and expenditure for the financial year ending 30th June 2024, with the previous financial year shown for comparison (see p. 24 of these audited financial statements dated 29 November 2024).

Fig. 3 shows the balance sheet for 30th June 2024. This is useful in comparing our assets to the previous years. The tangible assets (£375,223) include the value of office furniture, computing equipment etc which depreciates in value over time, but also the office at Baylis Mews, which was re-valued in June 2024 (valued at £375,000) and accounts for the jump in this value compared to 2023. Our investments have increased substantially this year, from £837,541 to £934,719. As ever, with investments it is important to note that such increases cannot be expected year on year, and this is considerably better than increases seen at the year ending 30th June 2023. To repeat from the initial paragraphs, overall there has been a slight increase in the overall net worth of the charity.

Figure 4 compares the society budgeted spend compared to the actual spend (column Rees Year ended 30th June) and the difference between these two values. Looking at the overall picture, there is an offset of >£58,000 less income, and >£16,000 less expenditure, meaning an overall variation of £42,000 between that budgeted and actually spent. The budget anticipated a surplus income of £3,413, and the audited accounts show an excess of expenditure of £38,984. Most items differ by <£5000. Exceptional deviations to this include the previously mentioned increased spending by the SIGs (which is difficult to predict by the society as this responsibility lies with the SIGs themselves, and highlights the importance of the SIG budgeting process), and a predicted income from conferences of £20,000 which will be shown in next year's accounts. Other smaller fluctuations in predicted vs actual income and expenditure occur within the individual publication streams. Deviations from predicted spends to actual spends for general costs are much lower individually, and show a reduction of £15,973 actually spent compared to the budget.

	Notes	2024		2023	
		£	£	£	£
FIXED ASSETS					
Tangible Assets	8		375,223		345,837
Investments	9		<u>934,719</u>		<u>837,541</u>
Total Fixed Assets			<u>1,309,942</u>		<u>1,183,378</u>
CURRENT ASSETS					
Debtors	10	49,241		22,182	
Cash at Bank and in Hand	11	<u>370,180</u>		<u>287,687</u>	
Total Current Assets		<u>419,421</u>		<u>309,869</u>	
LIABILITIES					
Creditors: Amounts Falling					
Due Within One Year	12	<u>-253,224</u>		<u>-87,037</u>	
Total Assets Less Current Liabilities			<u>166,197</u>		<u>222,832</u>
NET ASSETS			<u>1,476,139</u>		<u>1,406,210</u>
The Funds of the Charity:					
Unrestricted Income Funds			1,443,432		1,375,681
Restricted Income Funds - Sustaining Membership Fund	20,937			18,734	
- Willy Aspinall Prize Fund	<u>11,770</u>		<u>32,707</u>	<u>11,795</u>	<u>30,529</u>
TOTAL CHARITY FUNDS			<u>1,476,139</u>		<u>1,406,210</u>

Figure 3. Balance sheet for the Society for the year ending 30th June 2024 with the previous year for comparison (see p. 26 of these audited financial statements, dated 29 November 2024).

MINERALOGICAL SOCIETY'S BUDGET 2023/2024				
ACTIVITY		Budget for 2023/2024	Revs Year ended 30 June	Variance with Revs Account
Mineralogical Magazine	INCOME		2,544.00	2,544.00
	INCOME - CUP (MM,CM)	140,468.00	140,104.00	-364.00
	INCOME - CONTRIBUTIONS			
	INCOME - DONATION			
	EXPENDITURE			
	EXPENDITURE - (MM,CM)	38,000.00	-46,708.00	-8,708.00
Clay Minerals	INCOME	1,500.00	364.00	-1,136.00
	INCOME - GSW			
	INCOME - DONATION			
	EXPENDITURE			
	EXPENDITURE-GSW			
Geo Bio Interface Journal	INCOME	12,235.00	10,675.00	-1,560.00
	EXPENDITURE	4,000.00	-7,577.00	-3,577.00
EMU Series	INCOME	3,000.00	3,345.00	345.00
	EXPENDITURE	1,500.00	-1,383.00	117.00
DHZ	INCOME	17,000.00	15,896.00	-1,104.00
	EXPENDITURE	6,000.00	-4,488.00	-1,512.00
Landmark Series	INCOME	100.00	47.00	-53.00
	EXPENDITURE	50.00	-97.00	-13.00
Other Books	INCOME	1,000.00	2,355.00	1,355.00
	EXPENDITURE	500.00	9,656.00	10,156.00
Conferences	INCOME - SUPPORT			
	EXPENDITURE - OFFICE		-880.00	-880.00
Special Interest Groups	INCOME	22,655.00	65,624.00	42,969.00
	EXPENDITURE	19,545.00	-67,183.00	-86,728.00
Investment - Drawdown - If needed	INCOME	27,500.00	24,498.00	-3,002.00
Investment	INCOME			
Realised and unrealised Gains	INCOME			
	EXPENDITURE			
Miscellaneous	INCOME	2,250.00	2,250.00	
	EXPENDITURE	0.00		
General Fund - members subscriptions	INCOME	34,000.00	26,745.00	-7,255.00
Restricted funds	INCOME	8,000.00	-513.00	-8,513.00
Gift Aid	INCOME	1,000.00	389.00	-611.00
Office Staff Remuneration	EXPENDITURE	133,000.00	-133,289.00	-289.00
Office Staff Expenses	EXPENDITURE	5,000.00	0.00	5,000.00
Rent, Rates and House Expenses	EXPENDITURE	7,000.00	-8,074.00	-1,074.00
Printing, Stationery, Maintenance of Office Machinery	EXPENDITURE	3,000.00	-1,183.00	1,817.00
Insurance	EXPENDITURE	2,500.00	-2,036.00	464.00
Postage, Telephone and Computer	EXPENDITURE	13,000.00	-16,778.00	-3,778.00
Bank and Credit Card Charges	EXPENDITURE	3,500.00	-4,042.00	-542.00
Temporary staff Miscellaneous Office Expenses	EXPENDITURE	0.00	-114.00	-114.00
Elements	EXPENDITURE	12,000.00	-8,737.00	3,263.00
Trade Association Fees	EXPENDITURE	1,200.00	-457.00	743.00
Business Meeting Expenses- Officers	EXPENDITURE	3,000.00	-579.00	2,421.00
Bursaries - Student and Senior	EXPENDITURE	6,000.00	-4,107.00	1,893.00
Audit and Accountancy Fees	EXPENDITURE	13,000.00	-13,001.00	-1.00
Depreciation	EXPENDITURE	500.00	-614.00	-114.00
Distinguished Lecturer Costs, Future of the Society	EXPENDITURE	3,000.00	0.00	3,000.00
President's Lunch	EXPENDITURE	0.00	0.00	
Investments Direct Charges	EXPENDITURE	4,000.00	-4,449.00	-449.00
Website development	EXPENDITURE	0.00	-260.00	-260.00
Medals and Medalist Travel	EXPENDITURE	3,000.00	-1,007.00	1,993.00
	Sub Total Expenditure	213,700.00	-100,727.00	-112,973.00
	Income Expenditure	3,413.00	-38,994.00	-42,397.00

Figure 4. Variance of budget for financial year ending 30th June 2024 versus actual expenditure in the same period (these calculations from paperwork produced prior to final audit).

INVESTMENT POLICY AND PERFORMANCE

In accordance with the Bye-Laws, the Society Trustees have appointed investment managers to implement the investment strategy (a copy of which available for inspection from the Society office) and ensure the safety of the underlying funds. Cazenove Capital Management Limited were appointed during 2011 as investment managers. In 2022 a formal investment policy was approved by Council.

RISK MANAGEMENT

The Trustees have considered and reviewed the major risks to which the Society is exposed. The Trustees have a risk management strategy (a copy of which available for inspection from the Society office) which comprises a regular review of the risks to the Society and the establishment of systems and procedures to identify those risks to enable the Trustees to implement action to minimise any potential impact on the Society that should arise.

A key element of the management of financial risk is via a review of the reserves policy and objectives of achieving:

1. Long-term capital growth to ensure the future sustainability of the Society;
2. An option to draw down cash from the investments to support the activities of the Society by:-
 - a. providing financial support for meetings and conferences;
 - b. providing financial support for journals when needed;
 - c. providing monies for donations and awards;
 - d. contributing to the cost of the administration needed to support the Society's activities.

The principal funding sources for the Society are the income conferences and from the publication of journals and books.

RESERVES POLICY

The trustees consider that reserves in the region of six months provide sufficient funds and the Society's balance sheet net current assets are in excess of this figure.

PLANS FOR THE FUTURE

Plans are well in hand for our 2025 hosting of the European Mineralogical Conference in Dublin. In conjunction with our partners at Cambridge University Press, we continue with efforts to promote and attract content to our new journal: *Geo-Bio Interfaces*.

STRUCTURE, GOVERNANCE AND MANAGEMENT

The Society is an unincorporated body and its legal status is as a charity under UK Law, Registered Charity Number 233706. Its governing document is its Bye-Laws. The Society, a membership organization, includes Honorary Fellows, Fellows, Members, Honorary Members, Life Members, Life Fellows, Emeritus Members, Emeritus Fellows, Honorary Life Fellows and Student Members who are elected as prescribed by the Bye-Laws of the Society. All members of the Society are eligible for membership of eight special interest groups. The Society is governed by a Council consisting of a President, a General Secretary, a Treasurer, a Publications Manager, a Public Relations Officer, the Principal Editors of *Mineralogical Magazine* and *Clay Minerals* and up to 13 ordinary members. Two Vice-Presidents are nominated from among the elected Council members. Council members are proposed by four Members of the Society and elected by the Council except in cases where an election is required. The administration of the Society is undertaken by staff from its General Office in Twickenham, which is under the supervision of the Executive Director.

The Society has eight special interest groups, each managed by a committee. The eight groups are: the Applied Mineralogy Group, the Clay Minerals Group, the Environmental Mineralogy Group, the Geochemistry Group, the Geomicrobiology Network, the Metamorphic Studies Group, the Mineral Physics Group, and the Volcanic & Magmatic Studies Group. The Geochemistry Group, the Metamorphic Studies Group and the Volcanic & Magmatic Studies Group are joint Groups with the Geological Society of London with which a formal Memorandum of Understanding was signed in 2001 covering a number of areas for co-operation.

Restricted Fund – Sustaining Membership Fund

£1587 was raised from the members towards the sustaining membership fund. This fund was formally established on 1 January 2010. The money is ring-fenced with 90% invested so that the fund can grow and eventually become self-sustaining. The other 10% is used to subsidize the free student memberships and bursaries.

Restricted Fund; the Willy Aspinall Prize Fund

This fund was established by the Volcanic & Magmatic Studies Group during early 2017. The Society manages the restricted fund; it is expected that £800 per year will be disbursed from the fund, ~£400 as a cash award and ~£400 to attend the annual VMSG meeting. The award will be made each year to the lead author of an outstanding paper on applied volcanology published (in English) within three years of the lead author being awarded a PhD at a University in the UK. The prize is named in honour of Prof. Willy Aspinall, a distinguished professor at the University of Bristol and a hazard and risk science consultant.

Trustee Induction and Training

On election to the Council of the Mineralogical Society, an individual assumes a number of responsibilities. It is incumbent upon those new council members to familiarise themselves with their new responsibilities. This is achieved by reading the Society's Bye-Laws thoroughly as well as reading the Charity Commission Document on the 'Responsibilities of a charity trustee'. Trustees are reminded that they are accountable in law for the good governance of the Society. The term of office for a Council Member is three years, meaning that there will be twelve Council Meetings during a term of office. Members are expected to attend all of these meetings. It is also taken that they have familiarised themselves with the paperwork circulated prior to these meetings and be prepared to contribute to the relevant discussions. Membership of any of the standing or *impromptu* subcommittees is encouraged and sometimes may be a more direct means of contributing to the development of the Society.

All newly elected officers managing trustees and Council Members need to confirm to the Executive Director that they have read and understood their responsibilities accordingly.

Committees

The Society has one formal administrative committee which meets regularly to discuss the running of the Society, i.e. its finance, publications, meetings etc., as well as all matters of policy. This is the Finance/Officers/Publications Committee, which includes the President, the General Secretary, the Treasurer, the Publications Manager, the Public Relations Officer, the Principal Editors of the three journals and three Custodian Trustees.

The governing body of the Society is the Council, which comprises the actual charity trustees of the Society, i.e. those who are legally responsible under charity law for the running of the organization. The Council includes the officers, the chairpersons or nominated representatives of the eight special interest groups, and six Fellows or Members who are elected to the position of ordinary member of Council.

Volunteers

In addition to those who volunteer to serve as members of the committees, there are other members who give of their time to benefit the Society and the subject by writing material for publication by the Society, editing such material, by organizing

conferences, including short-courses, field trips etc. (for mineral scientists and for the public at large), and by offering expertise on areas such as web-site and database management, marketing, design, photography etc. Without such support, running of the Society would undoubtedly be less efficient.

Key Management Personnel Remuneration

Senior management personnel, to whom the trustees have delegated significant authority or responsibility in the day-to-day running of the charity, have their remuneration reviewed at the November meeting of council each year. The salaries are bench-marked occasionally against those of similar Learned Societies and with lists provided by organizations such as the Science Council (UK). Spine-point increases are provided in line with staff performance; cost-of-living increases are granted based on the Consumer Price Index (produced by the UK's Office for National Statistics). Both forms of increase depend on the financial health of the organization.

Website

The Society's website is located at www.minersoc.org and contains up-to-date information about the Society, its publications and its meetings. The website is managed and updated by the Executive Director.

Climate Change

As a scientific society, the Mineralogical Society takes responsibility for its carbon footprint seriously. Our Officers', Council and SIG committee meetings for the past couple of years have all been held online and this is likely to continue to a significant extent. We are also now making it possible for many of our scientific events to be attended virtually, avoiding, the need for air travel.

Trustees' responsibilities in relation to the financial statements

The Charity trustees are responsible for preparing the Trustees' Annual Report and 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 and Wales requires the charity trustees to prepare financial statements for each year which give a true and fair view of the state of affairs of the charity and of the incoming resources and application of resources, of the charity for that period. In preparing these financial statements, the trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the applicable Charities SORP
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed, subject to any material departures that must be 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 trustees are responsible for keeping proper accounting records that 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 applicable Charities (Accounts and Reports) Regulations and the provisions of the bye laws. They are also responsible for safeguarding the assets of the charity and taking reasonable steps for the prevention and detection of fraud and other irregularities.

The trustees are responsible for the maintenance and integrity of the charity and financial information included on the charity's website in accordance with legislation in the United Kingdom governing the preparation and dissemination of financial statements.

Auditors

A resolution reappointing David M. Rees & Associates Limited as auditors will be put to the Annual General Meeting.

Approved by the trustees on 7 November 2024 and signed on their behalf by:



S. Hammond
Treasurer



E. Deady
General Secretary

**12 Baylis Mews
Amyand Park Road
Twickenham
Middlesex TW1 3HQ**

INDEPENDENT AUDITOR'S REPORT TO THE TRUSTEES' OF
MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND

Opinion

We have audited the financial statements of the Mineralogical Society of the United Kingdom and Ireland for the year ended 30 June 2024 which comprise the Statements of Financial Activities, the Balance Sheet, and the related notes to the financial statements, including significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards, including Financial Reporting Standard 102 *The Financial Reporting Standard applicable in the UK and Republic of Ireland* (United Kingdom Generally Accepted Accounting Practice).

In our opinion the financial statements:

- give a true and fair view of the state of the charity's affairs as at 30 June 2024, and of its incoming resources and application of resources, including its income and expenditure, for the year then ended;
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice; and
- have been prepared in accordance with the requirements of the Charities Act 2011.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the charity in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, including the FRC's Ethical Standard, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Conclusions relating to going concern

In auditing the financial statements, we have concluded that the trustees' use of the going concern basis of accounting in the preparation of the financial statements is appropriate.

Based on the work we have performed, we have not identified any material uncertainties relating to events or conditions that, individually or collectively, may cast significant doubt on the charity's ability to continue as a going concern for a period of at least twelve months from when the financial statements are authorised for issue.

Our responsibilities and the responsibilities of the trustees with respect to going concern are described in the relevant sections of this report.

Other information

The other information comprises the information included in the trustees annual report, other than the financial statements and our auditor's report thereon. The trustees are responsible for the other information contained within the annual report. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon.

Our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the course of the audit or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether this gives rise to a material misstatement in the financial statements themselves. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters in relation to which the Charities (Accounts and Reports) Regulations 2008 require us to report to you if, in our opinion:

- the information given in the financial statements is inconsistent in any material respect with the trustees' report; or
- the charity has not kept adequate accounting records; or
- the financial statements are not in agreement with the accounting records and returns; or
- we have not received all the information and explanations we require for our audit.

Responsibilities of trustees

As explained more fully in the trustees' responsibilities statement set out on page 20, the trustees are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the trustees determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the trustees are responsible for assessing the charity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the trustees either intend to liquidate the charity or to cease operations, or have no realistic alternative but to do so.

Auditor's responsibilities for the audit of the financial statements

We have been appointed as auditor under section 145 of the Charities Act 2011 and report in accordance with the Act and relevant regulations made or having effect thereunder.

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs (UK) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Irregularities, including fraud, are instances of non-compliance with laws and regulations. We design procedures in line with our responsibilities, outlined above, to detect material misstatements in respect of irregularities, including fraud.

Because of the inherent limitations of an audit, there is a risk that we will not detect all irregularities, including those leading to a material misstatement in the financial statements or non-compliance with regulation. This risk increases the more that compliance with a law or regulation is removed from the events and transactions reflected in the financial statements, as we will be less likely to become aware of instances of non-compliance. The risk is also greater regarding irregularities occurring due to fraud rather than error, as fraud involves intentional concealment, forgery, collusion, omission or misrepresentation.

A further description of our responsibilities is available on the FRC's website at:


<https://www.frc.org.uk/auditors/audit-assurance/auditor-s-responsibilities-for-the-audit-of-the-fi/description-of-the-auditor%E2%80%99s-responsibilities-for>. This description forms part of our auditor's report

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Use of our report

This report is made solely to the charity's trustees, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. Our audit work has been undertaken so that we might state to the charity's trustees those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the charity and the charity's trustees as a body, for our audit work, for this report, or for the opinions we have formed.

Sharan C. Rees FCA
Statutory Auditor


David M. Rees. Associates. Limited

WELL COTTAGE
CUCUMBER LANE
ESSENDON
HERTFORDSHIRE AL9 6JB

DAVID M. REES & ASSOCIATES LIMITED
Chartered Accountants and Statutory Auditors

DATED *29 November 2024*

DAVID M. REES & ASSOCIATES LIMITED is eligible to act as an auditor in terms of
Section 1212 of the Companies Act 2006

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
RESTRICTED FUNDS
STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 30 JUNE 2024

		2024			2023
	Notes	Sustaining Membership	Willy Aspinall Prize	Total	
Income		£	£	£	£
Donations	4	1,587		1,587	1,473
Investment Income	5	775	375	1,150	359
Income from Charitable Activities					
Support by General Fund		2,691		2,691	2,703
TOTAL Income		5,053	375	5,428	4,535
Expenditure					
Expenditure on Charitable Activities					
Student Membership		-2,850		-2,850	-2,850
Awards			-400	-400	-569
TOTAL Expenditure		-2,850	-400	-3,250	-3,419
Net Income and Net Movement in Funds for the Year		2,203	-25	2,178	1,116

Sustaining membership fund

This fund was formally established on 1 January 2010. The money is ring-fenced with 90% invested so that the fund can grow and eventually become self-sustaining. The other 10% is used to subsidise the free student memberships and bursaries.

Willy Aspinall Prize Fund

The Volcanic and Magmatic Studies Willy Aspinall Prize is a restricted fund established on 8 May 2017 to make an annual award for an outstanding paper in applied volcanology published within three years of the author being awarded a PhD.

CONSOLIDATED STATEMENT OF FINANCIAL ACTIVITIES

		2024			2023
	Notes	Unrestricted Funds	Restricted Funds	Total Funds	
		£	£	£	£
Total Income		296,836	5,428	302,264	328,115
Total Expenditure		-337,998	-3,250	-341,248	-312,844
Net expenditure and Net Movement in Funds before Gains and Losses on Investments		-41,162	2,178	-38,984	15,271
Surplus on property revaluation	8	30,000	-	30,000	
Net Gains (Deficit) on Investments	9	78,913	-	78,913	-9,224
Net Movement in Funds		67,751	2,178	69,929	6,047
Total Funds 1 July 2023		1,375,681	30,529	1,406,210	1,400,163
Total Funds 30 June 2024		1,443,432	32,707	1,476,139	1,406,210

The statements of Financial Activities include all gains and deficits recognised in the year.
All incoming resources and resources expended derive from continuing activities.

The notes on pages 27 to 33 form part of these financial statements

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
UNRESTRICTED FUNDS
STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 30 JUNE 2024

Income	Notes	2024	2023
		£	£
Donations and Legacies	4	2,250	2,250
Investment Income	5	24,498	22,775
Income from Charitable Activities			
Members' Subscriptions		28,745	30,478
Gift Aid		389	787
Conference and Meetings Support		-	2,560
Cambridge University Press MM & CM		140,104	180,400
Cambridge University Press Geo Bio Interface		10,675	-
Publications Income		24,551	27,593
Special Interest Groups Income (Page 25)		81,624	72,587
Less: Allocation from Mineralogical Society		-16,000	-16,000
Miscellaneous Income		-	150
TOTAL Income		296,836	323,580
Expenditure			
Contribution to Sustaining Membership Fund		2,691	2,703
Expenditure on Charitable Activities			
Subscriptions		457	643
Journals Expenditure			
Elements		8,737	10,327
Conference and Meetings Expenditure		880	8,621
Mineralogical Society Medals		1,007	1,379
Distinguished Lecturer			902
Website and Future of the Society			
Journal Editorial Costs MM & CM		39,691	39,862
Journal Editorial Costs Geo Bio Interface		14,594	-
Publications Expenditure - Net		-3,768	6,698
Travel Bursaries		4,107	4,110
Special Interest Groups Expenditure (Page 25)		89,229	72,350
Less: Transactions with the Mineralogical Society		-2,046	-6,138
Office Expenses	6	124,272	114,211
Support Costs	7	57,533	52,958
Depreciation	8	614	799
Miscellaneous expenditure		-	-
TOTAL Expenditure		337,998	309,425

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
GROUPS STATEMENTS OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 30 JUNE 2024

Groups	Group Funds at bank Note 11	Income				Expenditure						Total	Net Income (Expenditure) £	
		From General Fund	Bank Interest - Note 5	Meetings and Conferences	Donations Received Note 4	Meetings and Conferences	Donations	Bursaries and Student Awards	Committee Travel and General expenses					
		£	£	£	£	£	£	£	£					
Applied Mineralogy		2,000	252						2,252	500	4,400	137	5,037	-2,785
Clay Minerals		2,000	525						2,525	3,361	709	50	4,120	-1,595
Environmental Mineralogy		2,000	72	417		810			2,489		1,220	475	2,505	-16
Geochemistry		2,000	180	9,595	8,400	12,827	793		20,175		6,673	66	20,359	-184
Geomicrobiology Network		2,000	223			902	1,222	174	2,223				2,298	-75
Metamorphic Studies		2,000	192	3,549	1,000	5,316	553	522	6,741			89	6,480	261
Mineral Physics		2,000	196			1,768	1,500	842	2,196				4,110	-1,914
Volcanic & Magmatic Studies		2,000	433	40,590		37,161	1,490	4,102	43,023			1,567	44,320	-1,297
		16,000	2,073	54,151	9,400	58,784	9,419	18,642	81,624			2,384	89,229	-7,605

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
GROUPS STATEMENTS OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 30 JUNE 2023

Groups	Income			Expenditure							Total Expenditure £	Net Income (Expenditure) £			
	From General Fund	Bank Interest - Note 5	£	Meetings and Conferences	£	Donations Received Note 4	£	Total Income £	Meetings and Conferences				Bursaries and Student Awards		Committee Travel and General expenses £
									£	£			£	£	
Applied Mineralogy	2,000		70					2,070			1,236	3,475	243	4,954	-2,884
Clay Minerals	2,000		130					2,130		410	1,000	751	296	2,457	-327
Environmental Mineralogy	2,000		29					2,029		265		1,386		1,651	378
Geochemistry	2,000		52				5,150	16,479		8,460	400	3,370	107	12,337	4,142
Geomicrobiology Network	2,000		61					2,061		1,050		465		1,515	546
Metamorphic Studies	2,000		58				1,000	7,829		6,301	330	915	12	7,558	271
Mineral Physics	2,000		57					2,057			500			500	1,557
Volcanic & Magmatic Studies	2,000		113				5,400	37,932		31,677		6,038	3,663	41,378	-3,446
	16,000		570				11,550	72,587		48,163	3,466	16,400	4,321	72,350	237

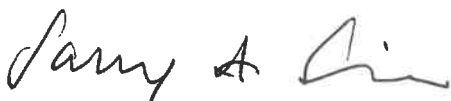
The notes on pages 27 to 33 form part of these financial statements

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
BALANCE SHEET AT 30 JUNE 2024

	Notes	2024		2023	
		£	£	£	£
FIXED ASSETS					
Tangible Assets	8		375,223		345,837
Investments	9		934,719		837,541
Total Fixed Assets			<u>1,309,942</u>		<u>1,183,378</u>
CURRENT ASSETS					
Debtors	10	49,241		22,182	
Cash at Bank and in Hand	11	<u>370,180</u>		<u>287,687</u>	
Total Current Assets		419,421		309,869	
LIABILITIES					
Creditors: Amounts Falling Due Within One Year	12	<u>-253,224</u>		<u>-87,037</u>	
Total Assets Less Current Liabilities			<u>166,197</u>		<u>222,832</u>
NET ASSETS			<u><u>1,476,139</u></u>		<u><u>1,406,210</u></u>
The Funds of the Charity:					
Unrestricted Income Funds			1,443,432		1,375,681
Restricted Income Funds - Sustaining Membership Fund	20,937			18,734	
- Willy Aspinall Prize Fund	<u>11,770</u>		<u>32,707</u>	<u>11,795</u>	<u>30,529</u>
TOTAL CHARITY FUNDS			<u><u>1,476,139</u></u>		<u><u>1,406,210</u></u>

Signed on behalf of the Trustees

S. GIBSON
PRESIDENT



Approved by the Trustees on the 7 NOVEMBER 2024

Charity Number 233706

The notes on pages 27 to 33 form part of these financial statements

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

1. ACCOUNTING POLICIES

a. Basis of preparation and assessment of going concern

The Mineralogical Society constitutes a public benefit entity as defined by FRS 102.

The financial statements have been prepared under the historical cost convention with items recognised at cost or transaction value unless otherwise stated in the relevant notes to these accounts to include certain items at fair value. The financial statements have been prepared in accordance with the second edition of the Charities Statement of Recommended Practice issued in October 2019, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), and the Charities Act 2011.

The financial statements are prepared on a going concern basis under the historical cost convention, modified to include certain items at fair value. The financial statements are presented in Sterling which is the functional currency of the Charity.

The trustees consider that there are no material uncertainties about the Mineralogical Society's ability to continue as a going concern. The most significant areas of uncertainty that affect the carrying value of assets held by the Mineralogical Society are the level of investment return and the performance of investment markets.

The significant accounting policies applied in the preparation of these financial statements are set out below.

b. Funds Structure

Unrestricted funds are available for use at the discretion of the trustees 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 aim and use of each restricted fund is set out on the statement of financial activities.

c. Income recognition

Voluntary Income - Donations are accounted for when received. Legacies are accounted for on entitlement.

Investment Income - Income from investments is accounted for on a receivable basis.

Members' subscriptions Income - Members' subscriptions are payable in advance on the 1 January each year and are accounted for in the period in which they are received.

During the year ended 30 June 2024 the Society had a net gain of 25 members.

At the 30 June 2024 there were 798 Members being 17 Honorary Life Fellows, 13 Honorary Fellows, 63 Life Members, 692 Fellows and Members and 13 Emeritus Members. These figures do not include 150 Student Members who are receiving free membership of the society for one year.

Conference and meetings income - Income from conferences and meetings are accounted for when the meeting has been held.

Cambridge University Press - Income from Cambridge University Press is accounted for on a prepayment basis as the guaranteed amount is received in advance for the calendar year.

Publications Income - Income from publications are accounted for on a receivable basis.

d. Expenditure recognition

Liabilities are recognised as expenditure as soon as there is a legal or constructive obligation committing the Charity to that expenditure, it is probable that settlement will be required and the amount of the obligation can be measured reliably. Any expected loss from a future conference or meeting is provided for as a liability.

All expenditure is accounted for on an accruals basis. All expenses including support cost and governance cost are allocated or apportioned to the applicable expenditure headings.

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

e. Allocation of support and governance costs

Governance costs comprise all costs involving the public accountability of the charity and its compliance with regulation and good practice. These costs include costs related to statutory audit and legal fees together with an apportionment of overhead and support costs as analysed in notes 6 and 7.

f. Foreign currencies

Monetary assets and liabilities in foreign currencies are translated into sterling at the rates of exchange ruling at the balance sheet date. Transactions in foreign currencies are translated into sterling at the rate of exchange ruling at the date of the transaction. Exchange differences are taken into account in arriving at the increase or decrease in funds.

g. Tangible Fixed Assets for use by the Charity and Depreciation

Tangible fixed assets are stated at cost less accumulated depreciation other than freehold land and buildings which are stated at valuation. Depreciation is provided on tangible fixed assets at rates calculated to write off the cost, less the estimated residual value of each asset over its estimated life using the straight line method at annual rates as follows:- Office Furniture and Equipment 25%. Computers 33.33%.

The Charity has adopted a revaluation policy in respect of the freehold land and buildings that will be revalued every five years. The fair value of land and buildings is determined from market based evidence by appraisal undertaken by a professionally qualified valuer.

Revaluation gains and losses are recognised in the Statement of Financial Activities.

h. Stock

There are stocks of publications, being surplus copies printed but not sold in the year. No value has been placed on stocks of these publications in these financial statements.

i. Fixed asset investments

Investments are a form of basic financial instrument and are initially recognised at their transaction value and subsequently measured at their fair value as at the balance sheet date using the closing quoted market price. The statement of financial activities includes the net gains and losses arising on revaluation and disposals throughout the year.

The Trust does not acquire put options, derivatives or other complex financial instruments.

The main form of financial risk faced by the charity is that of volatility in equity markets and investment markets due to wider economic conditions, the attitude of investors to investment risk, and changes in sentiment concerning equities and within particular sectors or sub sectors.

j. Realised gains and losses

All gains and losses are taken to the Statement of Financial Activities as they arise. Realised gains and losses on investments are calculated as the difference between sales proceeds and their opening carrying value or their purchase value if acquired subsequent to the first day of the financial year. Unrealised gains and losses are calculated as the difference between the fair value at the year end and their carrying value. Realised and unrealised investment gains and losses are combined in the Statement of Financial Activities.

k. Pension Costs

Contributions in respect of the Charity's defined contribution schemes are charged to the statement of financial activities for the year in which they are payable to the pension schemes.

2. a. Auditors remuneration

The auditor's remuneration constituted an audit fee of £8,360 (2023 - £7,522) and additional advisory work and accountancy of £4,641 (2023 - £4,448).

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

	2024	2023
	£	£
2. b. Analysis of staff costs		
Remuneration	177,097	154,855
National Insurance	2,709	2,620
Life Assurance	1,262	1,124
Pension Costs	7,169	6,644
TOTAL	<u>188,237</u>	<u>165,243</u>

	2024	2023
The average monthly headcount was 11 staff (2023 - 7) and the average monthly number of full-time equivalent employees (including part time staff) during the year was as follows:-		
Publishing	4	2.5
Office Staff	<u>2.5</u>	<u>2</u>
Total	<u>6.5</u>	<u>4.5</u>

One employee had employee benefits that fell within the band £70,000 - £79,999 (2023 £60,000 - £69,999 One). All employee time is involved in providing either support to the governance of the charity or support services to the charitable activities.

	2024	2024	2023	2023
	£	£	£	£
c. Key management compensation				
	Salary	Pension	Salary	Pension
Executive Director	75,366		69,439	
Finance and Operations Manager	54,488	4,800	50,972	4,800
In addition to the above, national insurance contributions totalled £696 (2023 - £1,299)				

3. ALLOCATIONS TO GROUPS by General Fund

An allocation is made to eight special interest groups of £16,000 for the year (2023 - £16,000).

	Page	2024	2023
		£	£
4. VOLUNTARY INCOME - Donations			
Sustaining Membership Restricted Fund	23	1,587	1,473
General Fund - Geological Society	24	<u>2,250</u>	<u>2,250</u>
Special Interest Groups	25		
Geochemistry Group			5,150
Agilent Technologies		1,200	
Anton Parr		600	
Elemental Scientific Instruments		1,200	
Isotopx		1,200	
Zeiss		2,600	
QMX Laboratory		600	
Thermo Fisher		<u>1000</u>	
Metamorphic Studies Group		8,400	1,000
Zeiss		1,000	
Volcanic and Magmatic Studies Group		<u>-</u>	<u>5,400</u>
		<u>9,400</u>	<u>11,550</u>

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

5.	INVESTMENT INCOME		2024	2023	
	Dividends and Interest		£	£	
	Unrestricted Funds		24,498	22,775	
	Restricted Funds		1,150	359	
	Individual Groups		2,073	570	
			<u>27,721</u>	<u>23,704</u>	
	Interest on Cash Deposits		4,247	1,113	
	On Listed Investments		23,474	22,591	
			<u>27,721</u>	<u>23,704</u>	
6.	OFFICE EXPENSES The breakdown of office costs and how these are allocated between Governance and Charitable Activities is shown below:-		2024	2023	
			£	£	
	Office Staff Remuneration		136,612	127,634	
	Reimbursement of staff expenses MDSG		-3,323	-1,110	
			<u>133,289</u>	<u>126,524</u>	
	Office Staff Expenses		-	551	
	Rent, Rates and House Expenses		6,074	4,664	
	Printing, Stationery, Maintenance of Office Machines		1,183	940	
	Insurance		2,036	1,685	
	Postage, Telephone and Computer		16,778	12,240	
	Bank and Credit Card Charges		4,042	3,023	
	Miscellaneous Expenses including office assistance		114	650	
			<u>30,227</u>	<u>23,753</u>	
			<u>163,516</u>	<u>150,277</u>	
	Allocation as follows:-				
		2024	2023	2024	2023
		%	%	£	£
	Charitable Activities	76	76	124,272	114,211
	Governance and Support Costs (Note 7)	24	24	39,244	36,066
		<u>100</u>	<u>100</u>	<u>163,516</u>	<u>150,277</u>
	Allocation is calculated on the basis of staff time, cost and office usage.				
7.	SUPPORT COSTS		2024	2023	
	Governance and Support Costs		£	£	
	Office Expenses 24% (2023 - 24%) (see note 6)		39,244	36,066	
	Business Meetings Expenses (Travel)		579	628	
	Website development		260	-	
	Investment Charges		4,449	4,294	
	Auditor's Remuneration		13,001	11,970	
	Total Allocated		<u>57,533</u>	<u>52,958</u>	

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

8. TANGIBLE FIXED ASSETS for use by the Charity		Computers Office and Equipment	Freehold Land and Buildings	Total
	Page	£	£	£
Cost or Valuations				
1 July 2023		19,446	345,000	364,446
Surplus on revaluation		-	30,000	30,000
30 June 2024		<u>19,446</u>	<u>375,000</u>	<u>394,446</u>
Depreciation				
1 July 2023		18,609	-	18,609
Charge for Year		614	-	614
30 June 2024		<u>19,223</u>	<u>-</u>	<u>19,223</u>
Net Book Value				
30 June 2024	26	<u>223</u>	<u>375,000</u>	<u>375,223</u>
30 June 2023		<u>837</u>	<u>345,000</u>	<u>345,837</u>

The freehold land and buildings were valued on the 19 June 2024 by Michael P Martin of Milestone Commercial Agency Ltd, at an open market value at £375,000. Open market value is considered to represent the fair value. The original cost of the freehold land and buildings acquired on 24 November 2006 was £358,978.

9. FIXED ASSET INVESTMENTS	Page	2024	2023
Movement in Fixed Asset Listed Investments		£	£
Market value brought forward at 1 July 2023		837,541	829,879
Add: Additions to Investments at Cost		218,009	215,037
Cash Retained (Reinvested)		-24,990	-15,964
Disposals at Carrying Value		-174,754	-182,187
Less: Net Gains (Losses) on Sales			
and Net Gains (Losses) on Revaluations	23	78,913	-9,224
Market Value at 30 June 2024	26	<u>934,719</u>	<u>837,541</u>

	Original Cost 2023	Original Cost 2024	Fair Value 2024	Fair Value 2023
Investments at fair value				
Comprised:				
U.K. Investments	£	£	£	£
UK Equities	107,652	91,741	107,803	117,260
UK Bonds	114,755	111,235	117,176	109,851
Multi Asset Funds	18,260	9,130	12,985	24,752
Property	67,306	67,306	62,980	66,803
Others	84,400	78,916	72,485	75,775
Cash	16,369	-300	-300	16,890
International Equities Investments	335,367	396,477	499,990	387,116
Non UK Bonds	45,001	64,186	61,600	39,094
TOTAL	<u>789,110</u>	<u>818,691</u>	<u>934,719</u>	<u>837,541</u>

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

9. FIXED ASSET INVESTMENTS continued

All investments are carried at their fair value. Investments in equities and fixed interest securities are all traded in quoted public markets, primarily the London Stock Exchange. 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).

10. DEBTORS

	2024	2023
	£	£
Other Debtors and Prepayments	11,093	13,219
Publications	10,000	2,000
Conferences	28,148	6,963
	<u>49,241</u>	<u>22,182</u>

11. CASH AT BANK AND IN HAND

		2024	2023
		£	£
Applied Mineralogy Group		15,525	18,311
Clay Minerals Group		37,083	38,678
Environmental Mineralogy Group		6,273	6,289
Geochemistry Group		16,963	17,146
Geomicrobiology Network		16,408	16,483
Metamorphic Studies Group		13,700	13,439
Mineral Physics Group		13,772	15,687
Volcanic & Magmatic Studies Group		32,373	33,670
		<u>152,097</u>	<u>159,703</u>
Group Monies on	Reserve Account	32,097	39,703
	Deposit Account	120,000	120,000
		<u>152,097</u>	<u>159,703</u>
Sustaining Members	Reserve Account	19,508	17,408
Willy Aspinall	Reserve Account	11,770	11,795
		<u>31,278</u>	<u>29,203</u>
Mineralogical Society	Current Account	38,156	93,781
	Reserve Account	5,000	5,000
	Euro Current Account	143,649	0
		<u>186,805</u>	<u>98,781</u>
Total Cash at Bank		<u>270,180</u>	<u>287,687</u>

12. CREDITORS AMOUNTS FALLING DUE WITHIN ONE YEAR

	2024	2023
	£	£
Publications		
Cambridge University Press	62,037	54,415
DHZIII	1,590	1,551
Geoscience World	-	9,656
Conferences	168,383	-
HM Revenue & Customs VAT	4,920	7,367
Other Creditors	3,294	1,048
Accruals	13,000	13,000
	<u>253,224</u>	<u>87,037</u>

MINERALOGICAL SOCIETY OF THE UNITED KINGDOM AND IRELAND
NOTES TO THE FINANCIAL STATEMENTS AT 30 JUNE 2024

13. TAXATION

The Mineralogical Society is a registered charity and is not subject to taxation on any excess of Income over expenditure.

14. COMMITMENTS

a) Pension Commitments

The Society operates a defined contribution pension scheme on behalf of its employees. The Society also operates a defined contribution Automatic Enrolment pension scheme on behalf of the employees. The assets of the schemes are held separately from those of the Society in independently administered funds. The annual pension commitment under these schemes are for contributions of 2 x the employees gross contribution, up to a maximum Society contribution of 10%, either to a defined contribution pension scheme or to an automatic enrolment pension scheme.

b) Other Financial Commitments

The Society is committed to support conferences, pay travel costs for mineralogists in future years and produce publications. The anticipated annual cost of this commitment is £58,000 (2023 - £46,464).

The Society had no capital commitments on 30 June 2024 (2023- Nil).

15. REMUNERATION AND EXPENSES PAID TO TRUSTEES

Editorial expenses include remuneration paid to Trustees of:-

	2024	2023
	£	£
G.E. Christidis	4,000	4,000
H. Dong	2,000	-
A. Engel	2,000	-
J. Lloyd	3,577	-
S. Mills	3,979	4,004
R.H. Mitchell	4,000	4,000
Chun-Hui Zhou	4,000	4,000

In addition £839 (2023 - £628) is reimbursed to three (2023 - two) trustees for editorial travelling and accommodation expenses.

16. RELATED PARTY TRANSACTIONS

No trustee had any personal interest in any contract or transaction entered into by the charity in the year.

17. PRIOR YEAR COMPARATIVE FIGURES FOR THE FINANCIAL STATEMENTS

CONSOLIDATED STATEMENT OF FINANCIAL ACTIVITIES

Notes	30 JUNE 2023		
	Unrestricted Funds	Restricted Funds	Total Funds
	£	£	£
Total Income	323,580	4,535	328,115
Total Expenditure	-309,425	-3,419	-312,844
Net expenditure and Net Movement in Funds before Gains and Losses on Investments	14,155	1,116	15,271
Net (Deficit) Gains on Investments	-9,224	-	-9,224
Net Movement in Funds	4,931	1,116	6,047
Total Funds 1 July 2022	1,370,750	29,413	1,400,163
Total Funds 30 June 2023	1,375,681	30,529	1,406,210