



GEOLOGICAL SOCIETY OF AUSTRALIA Incorporated

Annual General Meeting – Zoom
Thursday, 25 May 2023

2.00pm: AWST
3.30pm: ACST
4.00pm: AEST

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Agenda Item 1: Opening remarks: attendance, apologies

Annual General Meeting Attendance

A record of the Annual General Meeting attendees will be reported out of the webinar registrations.

Observers: Tim Holland and Sue Fletcher. Note observers do not have voting rights.

Apologies will be recorded post AGM, at the time of preparing the AGM Agenda we had received the following apologies: Diana Zivak.

Agenda Item 2: AGM Minutes of 18 May 2022

Annual General Meeting Minutes held:

Thursday, 18th May, 2022, via zoom @

2.00pm: AWST

3.30pm: ACDT

4.00pm: AEST

AGENDA ITEM 1: Opening Remarks: Attendance, apologies

Pete Betts, GSA President acknowledged the Traditional Owners of the land and welcomed all attendees.

It was confirmed the Annual General Meeting had achieved a quorum. The President opened the meeting.

Attendance

Len Altman, Anita Andrew, Michael Anenburg, Gordon Baker, Steve Barnes, Marissa Betts, Pete Betts, Ray Binns, Kenneth Bradley, Albert Brakel, Adrienne Brododewo, Cathy Brown, Fabio Capitanio, Graham Carr, Chibuzo Chukwu, Clive Collins, Marina Costelloe, Grace Cumming, Nathan Daczko, David Denham, Sarah Dyer, Nicholas Dyriw, Tom England, Joan Esterle, Melanie Finch, Doug Finlayson, John Foden, Ian Fordyce, Chris Fergusson, Michael Freeman, George Gibson, Lindsay Gilligan, Phil Gilmore, Heather Handley, Cheryl Holz, Ashley Huang, Alan Jaques, Kim Jessop, Pete Kinny, Darold Klindworth, Steve Lewis, Chia-Ping Liao, Jarred Lloyd, Aleksandra Marczyńska, David Moore, Robert Musgrave, Ian Nicholls, Verity Normington, Princewill Okechukwu, Joanna Parr, Mark Pirlo, James Reynolds, Angus M. Robinson, Angus Rogers, Cait Stuart, Frederick Lin Sutherland, Greg Thomson, Mario Werner, Vic Williams, Kay Wilson, Greg Yaxley, Chris Yeats, (62).

Apologies

The GSA received apologies from the following members:

David Cantrill, Amber Jarrett and Diana Zivak, (Governing Council), Caroline Tiddy, South Australia.

Observers

Sue Fletcher, Tim Holland

AGENDA ITEM 2: GSA Annual General Meeting Minutes: 18 May 2021

Motion: The Annual General Meeting of the Geological Society of Australia accepts the Minutes of the GSA Annual General Meeting of 18 May 2021.

Moved: Verity Normington

Seconded: Pete Betts

Motion carried

AGENDA ITEM 3: President Comments

Motion: The Annual General Meeting of the Geological Society of Australia accepts the President's Report.

Moved: Pete Betts

Seconded: Verity Normington

Motion carried

AGENDA ITEM 4: Honorary Treasurer's Report

Motion: The Annual General Meeting of the Geological Society of Australia accepts the Honorary Treasurer's Report.

Moved: Verity Normington

Seconded: Pete Betts

Motion carried

AGENDA ITEM 5: Presentation of the 2021 Audited Financial Statements.

Motion: The Annual General Meeting of the Geological Society of Australia accepts the 2021 Audited Financial Statements.

Moved: Verity Normington

Seconded: Pete Betts

Motion carried

AGENDA ITEM 5: Reports from the Divisions

Motion: The Annual General Meeting of the Geological Society of Australia accepted the Division Reports.

Moved: Pete Betts

Seconded: Joanna Parr

Motion carried

AGENDA ITEM 7: AESC

Pete Kinny, AESC Chair, provided an update about the AESC.

AGENDA ITEM 8: Any other business

There was no other business raised at the meeting.

The Annual General Meeting closed at 4.55pm (AEST)

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the Minutes of the GSA Annual General Meeting 18 May 2022.

Moved: Peter Betts

Seconded: Verity Normington

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Poll

Poll: The Annual General Meeting of the Geological Society of Australia accepts the Minutes of the GSA Annual General Meeting 25 May 2023.

Yes

No

AGENDA ITEM 3: PRESIDENT REPORT

Dear Members,

I am pleased to report on the Society's activities over the past year.

Firstly, I would like to acknowledge the tremendous contribution of our past CEO, Sue Fletcher, and Tim Holland. Their leadership and hard work have been instrumental in the success of the Society. We wish them all the best for their future endeavours and hope they stay friends of the society.

Change management

Sue's resignation provided us with an opportunity to assess the operations of the Society. We have identified several trends in our major revenue streams, including our society journals and major conferences. It has become clear that we need to find alternative revenue streams, particularly as we face a backdrop of slowly declining membership.

Furthermore, the costs of running the Society are increasing, including the overheads associated with running our business office in Sydney, and salaries. Additionally, we have experienced significant losses from our investment portfolios over the past year. All of these factors have created a perfect storm that highlights our medium-term financial vulnerabilities and the need to re-address some of the elements of our operations with a strong lens on our sustainability.

It is important to note that these vulnerabilities have been increasingly apparent over the past few years. Some have been masked by reduced spending during COVID, income as a result of our contracts with Taylor and Francis publishers, well-performing investments, government COVID support, and a greater online presence, which has reduced overheads. However, we cannot rely on these factors to sustain us in the long term.

Therefore, the Society will be implementing some significant changes to our operations in the second half of the year. These changes will be aimed at increasing our revenue streams and reducing our costs while maintaining our commitment to promoting the geological sciences in Australia.

The assessment of the Geological Society of Australia's (GSA) operational models was a comprehensive process, aimed at evaluating financial trends, member experiences, and the valuable contributions of the organization's volunteers. A Change Management Committee, comprising active members, past Presidents (Jo Parr and Caroline Tiddy), and individuals with expertise in governance, finance, and operations (Phil Harman: Chair, Phil Gilmore, Tim Rawling, Sue Fletcher and Chris Yeats), was established to guide the assessment process.

The assessment involved the following steps:

1. Development of a Risk Matrix: The committee developed a risk matrix to assess the potential risks and mitigation strategies involved in changing the operational structure. Risks such as loss of corporate knowledge, member resistance, and reduced flexibility at Division and Specialist Group levels were considered.
2. Evaluation of Recruitment and Office Costs: The assessment included a cost analysis of recruiting a new CEO, retaining a membership and communication officer, and maintaining the current business office in Sydney.

3. **Financial Modelling:** The committee conducted financial modelling, comparing the current costs with various combinations of staff and office arrangements (including virtual offices), as well as a range of Associate Management (AMC) expenses. The results demonstrated that most AMC propositions were financially more beneficial for the GSA compared to the existing operational model or hybrid model.
4. **Engagement with AMC Companies:** The committee, led by the GSA President and Sue Fletcher, engaged with numerous AMC companies to understand their offerings and operations. A shortlist was created, and tender proposals were submitted based on the activities and services required by the GSA. The Change Management Committee developed a series of interview questions, and interviews were conducted by key stakeholders.
5. **Reference Checks and Recommendations:** Referees were sought, interviewed, and a recommendation was made to the Change Management Committee, the GSA Executive Committee, and the Governing Council.

This thorough assessment process took approximately five months and involved significant due diligence by all parties involved, ultimately providing valuable insights and direction for the GSA's future operational models.

We are pleased to inform you that we are transitioning to an Association Management Company (AMC) to manage our operations at national, Divisional and Specialist Group levels as well as the standing committees and GESSS. This change will bring some improvements to the way we operate.

As we make this transition, there will be some changes in the way we operate at national, Divisional and Specialist Group levels. We will need to be more organized to allow the AMC to manage our requests, and processes and transactions will become more scheduled and consistent across the GSA. This will allow for greater efficiency, transparency, and easier transitions for committees. We will need to become less reliant on the business office managing our last-minute decisions. The consistency will nevertheless bring benefits in terms of managing the society, having a more consistent framework in which to operate, and greater governance and committee support.

For most members, the transition will be unnoticeable, as the AMC will essentially replace our previous operating model. Everything will be branded GSA, and there will be consistent turnaround times for communications. Whilst we expect the initial transition to cause some minor disruption for Divisional committees, Standing Committees, GESSS and Specialist Groups, we believe that the changes will lead to a more robust operation within the society.

An Association Management Company (AMC) helps preserve corporate knowledge in several ways:

Centralized Expertise: AMCs have a team of professionals with diverse skill sets and expertise, ensuring that the knowledge and experience necessary for an association's success are centralized and accessible. This collective knowledge can be shared and utilized across various divisions, standing committees and specialist groups managed by the AMC.

Continuity: AMCs provide continuity in the face of volunteer turnover or changes in leadership. As the AMC manages multiple associations, their staff members maintain and preserve corporate knowledge, preventing the loss of vital information when employees or volunteers move on.

Standardized Processes: AMCs implement standardized processes and best practices across their managed associations, ensuring that corporate knowledge is maintained and organized

systematically. This consistency facilitates smooth transitions and knowledge transfer between volunteers and committees.

Knowledge Management Systems: AMCs often employ advanced knowledge management systems and technology to capture, store, and share information effectively. These systems support efficient knowledge transfer and help avoid the loss of corporate knowledge during transitions or restructuring.

Professional Development: AMCs prioritize staff training and professional development, ensuring that the team remains up-to-date with industry trends, best practices, and innovative solutions. This commitment to continuous learning further contributes to preserving and enhancing corporate knowledge.

Partnering: AMC's offer additional resource (e.g. Program Conference Organisation) that the GSA can have opportunities to contract work with the AMC if we choose. This has benefits such as access to procurement deals and wider networks to maximise negotiations.

An association management company (AMC) should provide a greater experience our members in several ways. By offering specialized expertise and resources, an AMC can enhance the society's operations, leading to improved member and volunteer experiences by allowing them to focus on geoscience rather than transaction and governance matters. Some benefits of partnering with an AMC include:

AMCs have experienced staff trained in various aspects of association management, such as membership, marketing, event planning, financial management, and governance. By leveraging this expertise, learned societies can streamline their operations, ensuring a high-quality experience for their members.

Scalability and Flexibility: AMCs can adapt their services according to the society's needs, allowing for greater flexibility in operations. This flexibility can help learned societies respond to changes in membership, budget, or strategic priorities more effectively, ensuring that members continue to receive value from their association.

Cost Efficiency: By consolidating resources, AMCs can provide learned societies with cost-effective solutions. This efficiency allows the society to allocate more resources towards enhancing member benefits, such as professional development opportunities, networking events, and access to industry research.

Best Practices and Innovation: AMCs have experience working with various associations and can bring best practices, innovative ideas, and proven strategies to the learned society. This expertise can help the society improve its programs and services, resulting in increased member satisfaction.

Continuity and Stability: AMCs can provide consistent management and support, ensuring that the learned society's operations run smoothly even during times of change or transition. This stability can contribute to a positive member experience, as the society remains focused on delivering value and benefits to its members.

In summary, Association Management Companies preserve corporate knowledge by centralizing expertise, ensuring continuity, implementing standardized processes, utilizing knowledge management systems, and promoting professional development among staff. These measures help associations maintain stability, adapt to changes, and foster long-term success.

In choosing our AMC, we had your interests at heart, and we understood that your volunteer time is precious. The AMC will bring the necessary resources and expertise to support our Society's growth and meet the challenges of the future.

We believe that the AMC model will help us address these concerns by providing greater operational efficiency, more flexibility, and cost-saving measures without compromising the quality of the services we provide to our members. Nevertheless, we want to assure you that our commitment to serving our members and advancing the field of geology remains unwavering.

We recognize that these changes may cause some minor disruption as we learn to engage effectively with the AMC, but we believe they are necessary to ensure the long-term sustainability of the Society.

Achievements in the past year

I would like to highlight the key achievements and initiatives undertaken by the Governing Council over the past year.

Early Career Geoscientist Engagement:

The Governing Council recognized the importance of engaging Early Career Geoscientists, who currently represent a small portion of our membership. To strengthen this engagement, we implemented the Early Career Geoscience Advisory Panel, launched online initiatives like GSA Neo and Virtual GESSS, and advocated for greater diversity, inclusion and mental health.

Sustainability Statement:

The Governing Council developed a long-overdue Sustainability Statement, which highlighted the role and achievements of geoscience in creating today's society and its role in tackling present and future challenges. This initiative not only garnered strong support from our members but also signalled our active contribution to solutions rather than exacerbating problems.

Membership Categories:

We revised the membership categories to recognize the value of our members and create a more inclusive society for non-specialists who share our passion for geoscience. This group is crucial as they not only hold the potential to expand our membership but also serve as dedicated advocates for our discipline.

Specialist Groups:

The Governing Council decided to park several inactive Specialist Groups and reinvigorated the Education and Outreach Specialist Group, which is now under the leadership of Sabin Zahirovic and Bonnie Teece. Additionally, we established the Geoscience Indigenous Collaboration and Engagement Specialist Group (GICE), led by Verity Normington, Jessica Stromberg, and Jo Condon.

Acknowledgment of Outgoing Governing Council:

I would like to express our gratitude to the outgoing Governing Council members, including Verity Normington (Treasurer), Nathan Daczko (Secretary), Amber Jarrett, Diana Zivak, John Foden, Nick Dyriw, David Cantrill, Heather Handley, and Jo Parr (Past President) for their efforts, productivity, and dedication.

Thank you for your support and participation in the Geological Society of Australia.



Peter Betts

President of the Geological Society of Australia

National Governing Council

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the President's Report.

Moved: Peter Betts

Seconded: Verity Normington

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 4: HONORARY TREASURER REPORT

Treasurer to make powerpoint presentation in the meeting.

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the Honorary Treasurer's Report.

Moved: Verity Normington

Seconded: Peter Betts

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 5: PRESENTATION OF THE 2022 AUDITED FINANCIAL STATEMENTS

Refer to Appendix A.

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the 2022 Audited Financial Statements.

Moved: Verity Normington

Seconded: Peter Betts

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 6: APPOINTMENT OF AUDITOR

Rule 16.1 requires the appointment of the auditor for the upcoming financial year. Cadenze is recommended as the auditor for the next financial year (1 January – 31 December 2023).

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the appointment of Cadenze for the 31 December 2023 Financial audit.

Moved: Verity Normington

Seconded:

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 7: GSA Rule changes

Summary of GSA Rule changes for Annual General Meeting: 25 May 2023

Front page

Adopted by the Members on **28th June 2016**

Change to: Adopted by the Members on **25th May 2023**

Explanation:

The date of the new Rules are adopted by members must appear on the front of the Rules.

The changes to the GSA Rules outlined are in response to two major changes in the governance and structure of the GSA:

1. A change in the operating model following the resignation of our CEO, Sue Fletcher and a review of our financial model, and
2. The introduction by the Governing Council of a modified membership structure that aims to elevate the status of GSA professional membership whilst expanding access and appeal of GSA, and diversify our membership.

1. DEFINITIONS AND INTERPRETATIONS

Remove: CEO means the Chief Executive Officer of the Society.

Explanation: This position no longer exists.

Changes to Membership definitions

Explanation:

As the GSA grows, it needs to ensure it is an inclusive society that welcomes younger members and people working in the resources sector who might be non-Earth Scientists, whilst acknowledging the prestige of being a professional Earth Scientist. To address this need, the GSA's Governing Council has completed a long-term, strategic review of the current membership structure. Through analysis of our membership demographics; evaluation of other national and international geological societies; and assessment of our membership categories against our key strategic objectives (namely membership engagement, a progressive GSA and the narrative and reputation of the geosciences), the Governing Council has proposed a modified membership structure to our members.

The proposed adjustment to the professional member categories were sent to the members for consultation and peer review. The proposed changes are aimed at elevating the status of GSA professional membership to align more effectively with other professional societies around the world whilst expanding access and appeal of GSA membership to a wider and more diverse cohort. As a society we need to grow and build on the great work of professional Earth scientists working in research, in government, in industry. But we also need to better acknowledge the work of the volunteers and capture and engage the enthusiasm of people who are just interested in Earth Science.

Edit Associate Member & Teacher Member

Currently: Associate Member means a person who is at least 18 years of age, who is not eligible to join as a Full Member, Joint Member, Retired Member, Tertiary Student Member, Teacher Member, or Graduate Member, who has a genuine interest in earth sciences, and who has applied for and been admitted as an Associate Member. Schools may also become Associate Members. Associate Members do not have the right to vote or be office bearers.

Currently: Teacher Member means a person who is teaching within the Primary, Intermediate or Secondary schooling system and has applied for and been admitted as a Teacher Member on the basis of their interest and experience in teaching in the field of earth and environmental science.

Explanation: Merge Associate and Teacher Member categories and broaden to encourage and enable mineral collectors, fossickers, the interested public etc to join this group.

Revised definition

Associate Member means a person who is at least 18 years of age, who has an interest in Earth, planetary and environmental sciences, but does not currently have the necessary qualifications or work experience to become a Fellow. Schools may also become Associate Members. Associate Members do not have the right to vote or be office bearers, but will have access to publications online (hard copy journals can be purchased), Specialist Groups, GSA activities, and any discounted rates that are linked to these.

As non-professional Earth Scientists, Associate Members are not eligible to join any other member category and will not have a postnominal.

FAQ for the website:

- What is an Earth Science-related qualification?
 - A tertiary qualification (degree or diploma) that includes subjects that are focused on Earth sciences. This could include (but is not restricted to) geology, geochemistry, geophysics, palaeontology, geography, environmental science, soil science, paleobiology, paleoclimate, geotourism, geoengineering and geomatics
 - This list is not exhaustive and if you have doubt about your eligibility, please contact a local Division of the GSA for assistance
- What is equivalent work experience?
 - Three years working in an Earth Science-related field. This could include (but is not restricted to) secondary teaching (see additional FAQ below), geotourism, field geology, geoengineering, geomatics
 - This list is not exhaustive and if you have doubt about your eligibility, please contact a local Division of the GSA for assistance
- What “teaching” experience counts towards membership criteria?
 - Secondary teaching (or higher) related to the Earth and environment curriculum (subject to terminology changes)

Edit Fellow

Currently: Fellow means a Member who has been successfully nominated for election as a Fellow on the basis of their significant contribution to the earth sciences or related fields and elected by the Governing Council. The Governing Council may set guidelines for the nomination process. Following

the adoption of these rules, Fellows of the Society may be included in the categories of Full Member, Joint Member, and Retired Member.

Revised definition

Distinguished Fellow is any person who is a voting member of the Society, who is an Earth, planetary or environmental scientist with a minimum of ten (10) years cumulative professional experience (excluding allowable career interruptions), who has made a demonstrated and significant contribution to the Geological Society of Australia and has made a demonstrated and significant contribution to Earth, planetary and environmental sciences or related fields, shall be eligible to be elected a Distinguished Fellow of the Society. The Governing Council may set guidelines for the nomination process. Following the adoption of these rules, Fellows of the Society may be included in the categories of Joint Fellow and Retired Fellow. A Distinguished Fellow will be entitled to use the postnominal initials DFGSAust. Prior to adoption of these rules, a Distinguished Fellow was termed a Fellow.

Edit Full Member

Currently: Full Member is a Member who is an individual who has applied for and been admitted to membership and who is a graduate of a university or other tertiary institution who has been awarded an academic qualification majoring in earth sciences and has been employed in any technical or scientific aspect of the earth sciences for a period of at least 3 years within the 10 years prior to applying to become a Full Member. Prior to adoption of these rules, a Full Member was termed a Member.

Revised definition

Fellow is an individual who has applied for and been admitted to membership and who holds a Professional qualification that includes Earth, planetary or environmental science subjects or related fields, or equivalent work experience (minimum 3 years work experience). Postnominal initials. Fellows may use the postnominal FGS Aust. Prior to adoption of these rules, a Fellow was termed a Full Member.

Edit Honorary Member

Currently: Honorary Member means a Member of the Society who has been given honorary membership of the Society prior to the adoption of these rules, or by the Governing Council, in recognition of a distinguished career in earth sciences or for service to the Society. Following the adoption of these rules, the number of Honorary Members at any one time shall not exceed 35.

Revised definition:

Honorary Fellow means a Member of the Society who has been given honorary membership of the Society prior to the adoption of these rules, or by the Governing Council, in recognition of a distinguished career in Earth, planetary or environmental sciences or for service to the Society. Following the adoption of these rules, the number of Honorary Fellows at any one time shall not exceed 35.

Edit Joint Member

Currently: Joint Member means a Member who is eligible to be a Full Member in his or her own right and who is and remains a spouse (including de facto spouse including same sex partner) of an existing Full Member, and who has applied for and been accepted as a Joint Member.

Revised definition:

Joint Fellow means a Member who is eligible to be a Fellow in his or her own right and who is and remains a spouse (including de facto spouse including same sex partner) of an existing Fellow, and who has applied for and been accepted as a Joint Fellow. Postnominal initials. Note: this group has applied for and been accepted in their own right as a Fellow, therefore they may use the postnominal FGSAust.

Edit Life Member

Currently: Life Member means a Member who paid for Life Membership prior to the adoption of these rules. This option will no longer be offered with the adoption of these rules. However, all previous Life memberships will be honoured until such time as they expire.

Revised definition:

Life Fellow means a Member who paid for Life Membership prior to the adoption of these rules. This option will no longer be offered with the adoption of these rules. However, all previous Life memberships will be honoured until such time as they expire.

Edit Retired Member

Currently: Retired Member is a Member of at least 10 years standing in professional practice in the earth sciences and who has retired from professional practice and has applied to change membership status to Retired Member.

Revised definition:

Retired Fellow is a Member of at least 10 years standing in professional practice in the Earth, planetary or environmental sciences and who has retired from professional practice and has applied to change membership status to Retired Fellow.

Edit School Student and Tertiary Student Members

Currently: School Student means a school student who has applied for and been admitted as a School Student Member and has a genuine interest in earth science on the basis of evidence from a primary or secondary teaching institution. School Student Members must be studying in Australia and do not have the right to vote or be Office Bearers.

Currently: Tertiary Student Member means a Member who is enrolled in undergraduate studies in the earth sciences at a tertiary institution and who has applied for and been admitted to membership. Tertiary Student Members includes the Student Members at the adoption of these rules.

Explanation: Revised category that incorporates School and Tertiary Students

Revised definition:

Student Members are defined as individuals studying Earth, planetary and environmental sciences or related fields for a professional qualification recognised by the GSA. Secondary school students are also able to qualify for this membership category. Student Members less than 18 years old do not have the right to vote or be Office Bearers.

FAQ for the website:

- What is an Earth Science-related qualification?
 - A secondary school qualification that can lead to an Earth Science course in a tertiary institution
 - A tertiary qualification (degree or diploma) that includes subjects that are focused on Earth sciences. This could include (but is not restricted to) geology, geochemistry, geophysics, palaeontology, geography, environmental science, soil science, paleobiology, paleoclimate, geotourism, geoengineering and geomatics
 - This list is not exhaustive and if you have doubt about your eligibility, please contact a local Division of the GSA for assistance
 - U3A is not working towards a qualification
 - Some TAFE Certificates may be considered working towards a Professional qualification (please contact a local Division of the GSA for assistance).

4.1 Categories of Membership

Currently: Following the adoption of these rules, the membership of the Society shall consist of the following categories:

- (a) Associate Member;
- (b) Company Member;
- (c) Full Member;
- (d) Graduate Member;
- (e) Honorary Member;
- (f) Joint Member;
- (g) Life Member;
- (h) Retired Member;
- (i) School Student;
- (j) Teacher Member and
- (k) Tertiary Student Member.

Revised definition:

Following the adoption of these rules, the membership of the Society shall consist of the following categories:

- (a) Fellow
- (b) Distinguished Fellow
- (c) Associate Member
- (d) Graduate Member
- (e) Student Member
- (f) Retired Fellow
- (g) Joint Fellow
- (h) Honorary Fellow, Foundation Member, Life Fellow
- (i) Company Member

Update for membership category change:

4.2

Subject to these rules, the Governing Council may, at its discretion, approve to become a Full Member of the Society:

- (a) Any person who has been employed in any technical or scientific aspect of the earth sciences for a period of at least 3 years; or
- (b) Any person who has undertaken and published results of significant research in the earth sciences.

Revised rule:

4.2

Subject to these rules, the Governing Council may, at its discretion, approve to become a Distinguished Fellow of the Society:

- (a) Any person who has been employed in any technical or scientific aspect of the earth sciences for a period of at least 3 years; or
- (b) Any person who has undertaken and published results of significant research in the earth sciences.

All references to CEO to be removed.

4.3 Application to become a Member

(b) Every application for membership must:

- (i) Be sponsored by two (2) existing Members, at least one of whom should be a Full Member, stating their knowledge of the applicant;

Update to 4.3.b.i for membership category change:

- (i) Be sponsored by two (2) existing Members, at least one of whom should be a Fellow (including Distinguished, Retired, Honorary or Joint Fellows, or Graduate Member), stating their knowledge of the applicant;

Update to 4.3.b.iii, remove reference to CEO, change to:

- (b) Every application for membership must:

- (iii) The relevant Division must approve or reject the applicant as soon as practicable after receiving the application for membership and notify the CEO of that decision in writing.

4.4 Change of Membership Category

- (a) Upon information being provided by a Member to the CEO with supporting evidence for a change in the category of membership of a Member, the Public Officer will update that Member's category of membership.

Remove reference to CEO, change to:

- (a) Upon information being provided by a Member to the GSA with supporting evidence for a change in the category of membership of a Member, the GSA will update that Member's category of membership.

4.7 Resignation of Membership

- (a) A Member is entitled to resign from membership of the Society at any time by giving written notice to the CEO.

- (b) If a person ceases to be a Member, the CEO must make an appropriate entry in the Register of Members recording the date the Member ceased to be a Member.

Remove reference to CEO, change to:

4.7 Resignation of Membership

- (a) A Member is entitled to resign from membership of the Society at any time by giving written notice to the GSA.

- (b) If a person ceases to be a Member, the GSA must make an appropriate entry in the Register of Members recording the date the Member ceased to be a Member.

7. MEMBER RIGHTS AND BENEFITS

7.1

Subject to Rule 1.1, Members shall have the following rights:

- (a) To stand for election to or be appointed to the Governing Council in accordance with these rules unless they are an Affiliate Member, a Company Member or representative of a Company Member, a School Student or an Associate Member,
- (b) To stand for election to or be appointed to the Committee of a Division, Branch and Specialist Group, of which they are a participant unless they are an Affiliate Member, a Company Member or representative of a Company Member, a Student or an Associate Member; and
- (c) To vote at general meetings of the Society unless they are an Affiliate Member, a Company Member or representative of a Company Member, a School Student Member or an Associate Member.

Revised rule:

7.1

Subject to Rule 1.1, Members shall have the following rights:

- (a) To stand for election to or be appointed to the Governing Council in accordance with these rules unless they are an a Company Member or representative of a Company Member, a Student Member less than 18 years old, or an Associate Member;
- (b) To stand for election to or be appointed to the Committee of a Division, Branch and Specialist Group, of which they are a participant unless they are a Company Member or representative of a Company Member, a Student Member less than 18 years old, or an Associate Member; and
- (c) To vote at general meetings of the Society unless they are a Company Member or representative of a Company Member, a Student Member less than 18 years old, or an Associate Member.

7.2

Members shall have the following benefits:

Current rule

- (a) Full Members and Honorary Members shall receive without any further payment, 1 copy of each issue of one of the Society's nominated journals of their choice (including the Society Journal) in addition to the Society's national newsletter ("The Australian Geologist");

Revised rule

- a) Distinguished Fellows, Fellows, Honorary Fellows and Retired Fellows shall receive without any further payment, 1 copy of each issue of one of the Society's nominated journals of their choice (including the Society Journal) in addition to the Society's national newsletter ("The Australian Geologist");

Current rule

(b) Joint Members shall receive all benefits of Full Members except they shall receive electronic access to the Society's Journal and national newsletter. Retired Members, Associate Members, Tertiary Student Members, and Teacher Members will be provided internet access to the Society Journal online and may obtain hard copies of the Society Journal by paying additional charges as determined by the Governing Council from time to time;

Revised rule

b) Joint Fellows shall receive all benefits of Fellows except they shall receive electronic access to the Society's Journal, Graduate Members, Associate Members and Student Members will be provided internet access to the Society Journal online and may obtain hard copies of the Society Journal by paying additional charges as determined by the Governing Council from time to time;

DELETE

(c) Affiliates may receive publications from the Specialist Group, which they have joined, and may obtain hard copies of the Society Journal and national newsletter by paying additional charges as determined by the Governing Council from time to time.

Current rule

(d) All Members shall be entitled to use post nominals denoting their category of membership as determined by the Governing Council from time to time.

Revised rule

(c) All Fellows shall be entitled to use post nominals denoting their category of membership as determined by the Governing Council from time to time.

10.4 Members Ballot for election of General Councillors on Governing Council

(c) To record a valid vote a Member must submit their completed ballot paper to the CEO or as otherwise specified in the ballot material so that the ballot paper is received no later than 5 business days prior to the date of the AGM at which the composition of the Governing Council is to be declared in accordance with Rule 10.6.

Remove reference to CEO, change to:

(c) To record a valid vote a Member must submit their completed ballot paper to the GSA or as otherwise specified in the ballot material so that the ballot paper is received no later than 5 business days prior to the date of the AGM at which the composition of the Governing Council is to be declared in accordance with Rule 10.6.

11.3 Delegated Functions of the CEO

(a) Subject to specific instructions from the Governing Council, the CEO is responsible for the day to day functions and operations of the Society and reports to, and is answerable to, the Governing Council for those activities.

Remove reference to CEO, change to:

Subject to specific instructions from the Governing Council, the Association Manager is responsible for the day-to-day functions and operations of the Society and reports to, and is answerable to, the Governing Council for those activities.

12. GENERAL MEETINGS OF THE SOCIETY

12.4 Notice

(d) A Member desiring to bring an appropriate matter before a general meeting may give written notice of that business to the Secretary or CEO. If the Governing Council determines the matter is appropriate it must be included in the next notice calling a general meeting given after receipt of the notice from the Member.

Remove reference to CEO, change to:

(d) A Member desiring to bring an appropriate matter before a general meeting may give written notice of that business to the Secretary or Association Manager. If the Governing Council determines the matter is appropriate it must be included in the next notice calling a general meeting given after receipt of the notice from the Member.

12.9 Voting

(a) Only the following Members have voting rights at general meetings of the Society:

- (i) Full Member;
- (ii) Retired Member;
- (iii) Joint Member;
- (iv) Honorary Member;
- (v) Tertiary Student Member;
- (vi) Graduate Member;
- (vii) Teacher Member; and
- (viii) Life Member.

Updated membership categories revised to:

Only the following Members have voting rights at general meetings of the Society:

- (a) Fellow;
- (b) Distinguished Fellow;
- (c) Graduate Member;
- (d) Student Member (at least 18 years old);
- (e) Retired Fellow;
- (f) Joint Fellow;
- (g) Life Fellow; and
- (h) Honorary Fellow, Foundation Member Life Fellow.

14. BUSINESS TRANSACTIONS

14.1

With the exception of delegations by the Governing Council to the Executive Committee, CEO, Office Bearers, Standing Committees, Divisions, Branches and Specialist Groups, all financial or other business transactions to be conducted on behalf of the Society must be approved by the Governing Council.

Remove reference to CEO, change to:

With the exception of delegations by the Governing Council to the Executive Committee, authorised agents, Office Bearers, Standing Committees, Divisions, Branches and Specialist Groups, all financial or other business transactions to be conducted on behalf of the Society must be approved by the Governing Council.

17.2 Funds—management

(b) All cheques, drafts, bills of exchange, promissory notes and other negotiable instruments including electronic transactions must be signed/approved (including for electronic approval) by two Members of the Governing Council or authorised employees of the Society, and in the case of Divisions, Branches and Specialist Groups, by two members of the relevant committee, which must include the treasurer of that committee. At all times, all funds or grants made available or allocated to any Division, Specialist Group or Branch by the Society together with any other income and other assets under the control of a Division, Specialist Group or Branch, remain the property of the Society to be applied in accordance with the Objects and the rules of the Society and not for any other purpose.

Change reference of staff to authorised agents

(b) All cheques, drafts, bills of exchange, promissory notes and other negotiable instruments including electronic transactions must be signed/approved (including for electronic approval) by two Members of the Governing Council or authorised agents of the Society, and in the case of Divisions, Branches and Specialist Groups, by two members of the relevant committee, which must include the treasurer of that committee. At all times, all funds or grants made available or allocated to any Division, Specialist Group or Branch by the Society together with any other income and other assets under the control of a Division, Specialist Group or Branch, remain the property of the Society to be applied in accordance with the Objects and the rules of the Society and not for any other purpose.

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the revisions to the GSA Rules.

Moved: Peter Betts

Seconded:

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 8: Appointment of Governing Councillors

The Governing Council comprises of nine Councillors. Five General Councillors are elected by the membership and four Division Councillors are chosen by the Division (according to the Division rotational model). Council elections are held every two years to coincide with the GSA's biennial convention.

The next Governing Council is the Term 5.

Term 1 (2014 – 2016)	Term 2 (2016- 2018)	Term 3 (2018 – 2020)	Term 4 (2021 – 2023)	Term 5 (2021 – 2023)
VIC Div.	WA Div.	NSW Div.	QLD Div.	VIC Div.
ACT Div.	NT Div.	TAS Div.	SA Div.	ACT Div.
WA Div.	NSW Div.	QLD Div.	VIC Div.	NT Div
NT Div	TAS Div.	SA Div.	ACT Div.	WA Div

Division Councillors (4)

The Division representatives were chosen by their Division.

Australian Capital Territory: Tiah Penny

Northern Territory: Amber Jarrett

Victoria: no nomination at this time

Western Australia: Margaret Brocx

General Councillors (5) GSA members were invited to nominate for the positions of General Councillor. We received nominations from: Andrew Tomkins, Mark Pearce, Peter Betts & John Foden.

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the Governing Council nominations: Tiah Penny, Margaret Brocx, Amber Jarrett, Andrew Tomkins, Mark Pearce, Peter Betts and John Foden.

Moved: Peter Betts

Seconded: Verity Normington

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

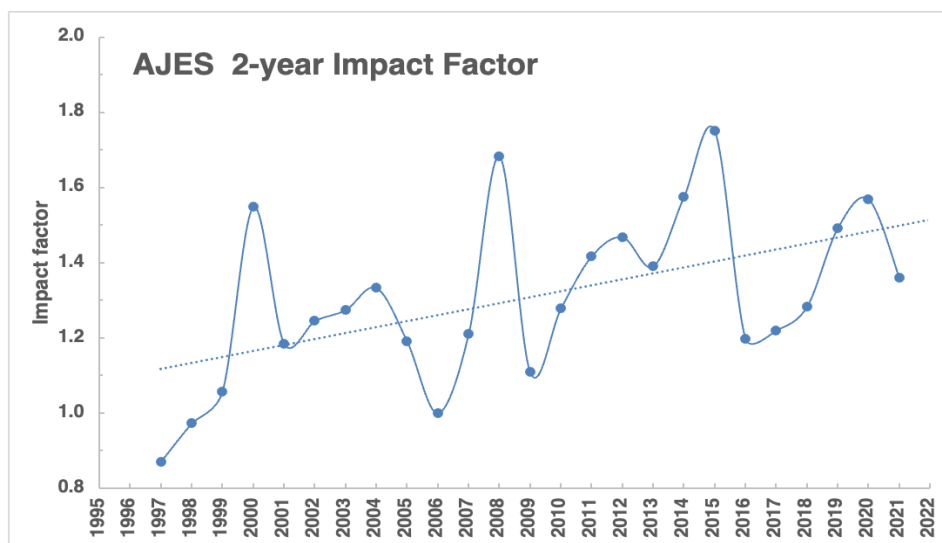
AGENDA ITEM 9: AUSTRALIAN JOURNAL OF EARTH SCIENCES

1 February 2021 to 30 April 2023

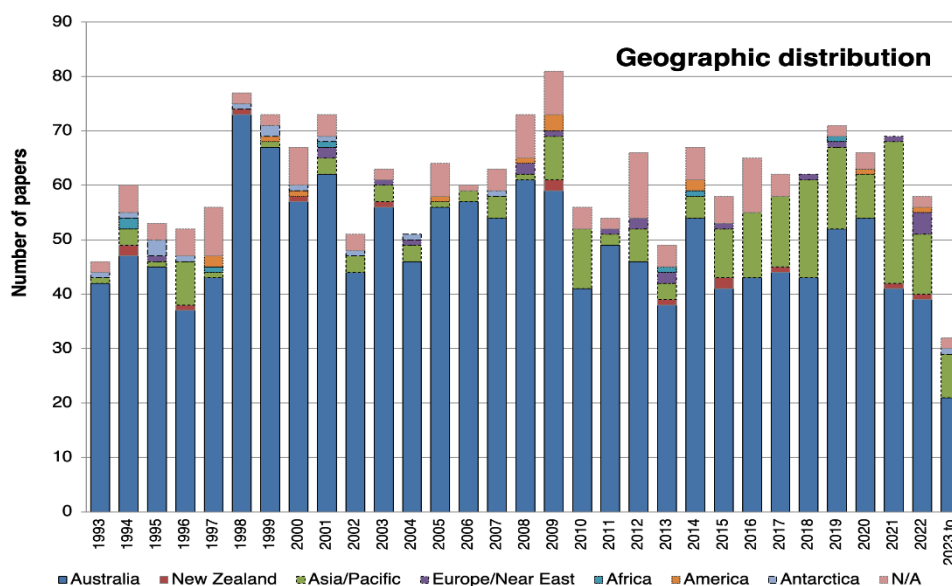
JOURNAL DEVELOPMENTS

AJES is published under a 5-year contract with Taylor and Francis (T&F) ending in 2024. At the end of this contract GSA will have the choice of renewing or going to tender. As part of this agreement T&F makes a payment to GSA to allow publication plus a profit-sharing arrangement. Details are in financial reports. T&F is moving from single use plastics as part of their commitment to sustainability. Currently AJES uses plastic lined bags for mailing and uses plastic lamination on the cover. From mid 2023 AJES will be delivered in standard paper envelopes and the covers will change to an unlaminated version.

Prior to January 2023, AJES had a budget of 1216 pages in eight issues a year (with cover months of February, March, April, June, July, August, October and December). The publisher has changed from a page basis to numbers of papers with the AJES target of 66 papers per year. Also beginning 2023, an agreement between CAUL and most Australian and New Zealand universities will mean papers with the first author from a member university will be Open Access at no charge. It is too early to assess the impact of these changes.



Submission of manuscripts has been sufficient with publication of thematic issues but in recent months submissions have declined. Possible reasons include a post-COVID downturn in papers being written or authors turning away from AJES. International papers continue to be dominated by China in the field of energy resources, but this is changing with a broader range of subject matters and more submissions from the Pacific and southeast and southern Asia. Papers currently being accepted are for publication in AJES 70/7.



The impact factor for 2021 is 1.36. Of the 105 citations to papers published in 2020 and 2021, 25 were in AJES and the remaining 80 from 19 other international journals. The impact factor fluctuates and is influenced by publication of thematic issues.

The geographic focus of papers remains dominated by Australia (2021 41; 2022 39; 2023 21) but includes a significant number of papers from the Asia/Pacific (2021 26; 2022 11; 2023 8). Figures for AJES68 (2023) are for issues 1–4.

Thematic issues

Published

AJES 67/6–8 The Flinders Ranges: dawn of life cycles and influences set in an area of outstanding regional geological evolution.

In preparation

DETCRC: Four papers published on-line – these may be published in a regular issue.

Greater McArthur Basin Special Issue: 2 papers in progress; 2 published on-line

Structural Geology and Resources: 5 papers in progress; 1 published on-line

We thank all retired and current members of the Editorial Board as well as all reviewers for the time and effort they put into reviewing manuscripts and providing me with advice and input into the various changes that have been implemented to the AJES “style”.

The Associate Editors (Brian Jones and Jiawang Ge) are all doing an excellent job and improve reviewing process by bringing their particular expertise to the selection of reviewers and recommendations to authors.

Open Access in publishing

Authors affiliated with participating universities in Australia and New Zealand are now eligible to publish open access in AJES at no cost to themselves. A Read & Publish agreement between the Council of Australian University Librarians (CAUL) and publishers, including the Taylor & Francis Group, combines access to subscription articles with the opportunity to publish Open Access.

All research papers and reviews approved for publication in AJES after 1 January 2023 will be eligible for OA where the corresponding author is from a participating university. Eligible corresponding authors will need to nominate a Creative Commons License (CC BY (recommended) or CC BY-NC-ND). A specific licence type may be required by their funding body and authors need to be aware of the requirements of each type of licence.

In view of the decisions that need to be made in 2024 we add further discussion on the issue of open access (OA). The AJES has always been a subscribed journal with OA provided in recent years for those willing to pay and some other rare exceptions. The new agreement with CAUL begun in 2023 provides an avenue for additional papers to obtain OA status but it is unclear presently just who will be eligible. Our suspicion is that the CAUL agreement will only apply to paid academic staff at universities and enrolled students and probably will not apply to graduated students and Honorary academic staff. (An attempt to clarify this situation has so far been unsuccessful – but Honorary academics have not to our knowledge been offered OA under the CAUL agreement.) The latter are common authors in the AJES. As well OA will probably remain unobtainable by authors from outside Australia and authors inside Australia not employed by institutions covered by the CAUL agreement. With the push towards OA what effect will this have on the future of the AJES?

Anita Andrew and Chris Fergusson, Honorary Editors-in-Chief
9 May 2023

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the AJES Editors Report.

Moved:

Seconded:

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 10: DIVISION, SPECIALIST GROUP & STANDING COMMITTEE REPORTS

DIVISIONS

ACT Division 2023 AGM Report

Firstly, I would like to thank the 2022-23 ACT Division committee for their ongoing hard work and dedication to the Society and the Division. In the 2022-23 term, the ACT Division of Geological Society of Australia held 3 divisional meetings, supported National Science Week, held one networking event and held one field trip. Four newsletters were produced, a big thank you to our Newsletter editor Patricia Erfurt for producing a high-quality newsletter.

ACT Divisional Meetings

I would like to thank all of the speakers who took time out of their day to present at ACT Divisional Meetings. A complete list is below:

- 25 May 2022; Caleb Bishop, ANU Topic: Synglacial biomarkers from Snowball Earth offer new insights on early eukaryote evolution; what was living beneath the ice?
- 28 September 2022; Christo Marais van Vuuren, Geoscience Australia; Topic: A 'How to Guide': Defining Stratigraphic Units
- 22 November 2022; Emeritus Professor Patrick De Dekker, Australian National University; Topic: Submarine canyons and slides in the central-west Otway Basin – their morphology, genesis, links to groundwater discharge and tsunamigenic potential.

National Science Week: Rocks in and around the ACT booth display

On Sunday 14 August the GSA ACT Division had a booth in the Canberra Centre, Civic, as a contribution to 2022 National Science Week activities in the ACT, coordinated by the ACT Government. The focus for the booth was on the rocks to be found in and around Canberra and, in particular, on the new ACT Fossil Emblem, a trilobite, brought up in a drill core from under the Treasury Building within the Parliamentary Triangle during its construction.

Networking Event: Joint GSA-ASEG event

On Wednesday 14 September, approximately 15 members of the GSA or the ASEG, (some members of both) gathered at Magoo's Cafe and Bar in Kingston. This was a wonderful opportunity for members of both societies old and new and some new friends that aren't yet members mingling and discussing new advances in science and hearing about adventures past. It was fantastic to see so many people at the joint GSA-ASEG joint spring networking event.

Earth Science Week: Captain's Flat Field trip

On 16 October, as part of Earth Science Week, 28 participants were lead by Richard Blewett and Alan Whitaker around the Captain's Flat region to examine the late Ordovician to late Silurian (meta)sedimentary and volcanic rocks that are the setting of and host to the ~425 Ma Captains Flat Volcanic Associated Massive Sulphide (VAMS) Pb-Zn-Cu-Ag-Au deposit.

A massive thank you to Richard Blewett and Alan Whitaker who led us for the Captain's Flat Field Trip. Richard and Alan took the time to visit the region on several occasions and wrote the

comprehensive field guide. A big thank you to Doug Finlayson for organising the logistics of the day as well as lunch at the RSL.

Verity Normington, ACT Chair

Hunter Valley Branch Annual report

5/5/23

The committee

22/23

Chairperson	L Gilligan
Secretary	S Meakin
Treasurer	R Musgrave
Committee	R Hegarty
Committee	C Folkes
Committee	P Gilmore

23/24 (voted in 2 May 2023):

Chairperson	L Gilligan
Secretary	S Meakin
Treasurer	R Musgrave
Committee	R Hegarty
Committee	C Folkes
Committee	P Gilmore
Committee	J Watkins

Report on branch's activity for 2022/23

There was an increase in activity from 21/22, with 3 FTF talks and a fieldtrip. The 2 May talk coincided with the AGM.

Date	Venue	Speaker	Topic	Attendance	Online attendance
19/07/2022	Gallipoli Club, Newcastle	David Och	Sydney geotech projects	26	N/A
18/08/2022	Gallipoli Club	John Greenfield	50 years of modern mineral exploration	20	2
5/11/2022	Fieldtrip: Merewether to Glenrock, Newcastle	Phil Gilmore et al.	Newcastle geology	35	N/A
2/05/2023	Gallipoli Club	Andrea Borsata	Caves and Anthropocene	17	N/A

A highlight was the fieldtrip on Saturday 5 November 2022, when around 35 people took advantage of the perfect weather to participate in an enjoyable 5 km walk along the Newcastle coastline. This half day field trip explored the geology, ecology and history along the coast from Merewether to Glenrock Lagoon. It was led by GSA member Phil Gilmore, who is also co-author of the Newcastle Coastal Geotrail and a geotrail guide. Other local experts also contributed to discussions at various sites along the route. It examined geological features of the late Permian Newcastle Coal Measures in cliff sections and on the extensive rock platforms.

Membership

There are currently 27 financial members and 3 unfinancial in HVB. There are 150 HEDG subscribers, including GSA members. It was suggested that subsidised fieldtrips would be a good way to attract members to GSA. Retirees find the existing membership fee a bit high.

The committee is keen to spend in order to retain and grow its membership.

Finances

Total equity @ 31st December 2022 is \$6,735.00

Total income: \$437

Total expenditure: \$388, leaving a small profit of \$49.00 for 2022.

Future plans

Fieldtrips: A survey will be sent around GSA NSW members soon to gauge interest and help plan formats. Talavera winery is keen to host a fieldtrip. An overnight trip to the Hunter Valley may be organised.

Venues: We will plan some talks in Maitland, as many attendees and speakers come from there. Looking at East Maitland Bowling Club as a venue (cheaper than the Gallipoli Club). Geological Survey is another possible free venue.

Simone Meakin

Secretary – Hunter Valley Branch, GSA

New South Wales Division Annual Report for 2022-2023

The Division in 2022

Our Divisional Committee consists of nine committed volunteers with an executive of President (Joanna Parr), Treasurer (Sabin Zahirovic), Secretary (Tom England) and Newsletter Editor (Kelsie Dadd). The Division has over 270 members spread across the state, of which approximately 10% are students.

The 2022 Voisey Medal, which is *for significant contribution to the Earth Sciences in Australia by an early-career Earth scientist from the NSW Division*, was awarded to Bonnie Teece, an emerging and inspiring leader who has made significant contributions to Earth Science and the Earth Science community in Australia (and beyond) through her research, advocacy, leadership, and outreach.

In common with many other Divisions, we have faced several challenges. The most pressing of these are

- Regional engagement - ensuring that our activities are as inclusive as possible
- Keeping students engaged- translating from student to graduate membership
- Organisational challenges - depending on a small pool of dedicated volunteers to drive, organise and support outreach events (e.g. logistics, insurance etc)

Activities

In December 2022 we held a Strategy Planning session that included members from regional areas. This helped guide the types of activities that we would undertake 2023. Some examples of activities that the NSW Division has undertaken in 2022-23 are:

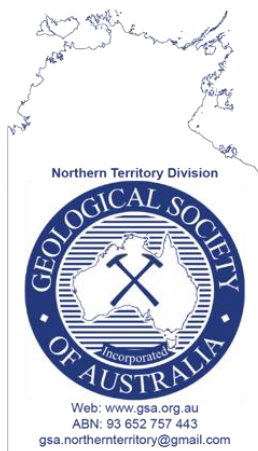
Community Outreach continues to be an important component of the NSW Division's activities. For example:

- Science Week (*Science in the Scrub*: Western Sydney Parklands and *Science in the Swamp*, Centennial Park). A rock display with volunteers on hand to talk to the general public about geology (life, the universe and everything in-between!). Thousands of people asking questions and even more kids playing with plastic dinosaurs.
- Annual Student Careers night (May 2022; May 2023). In 2023 we have partnered with AIG and SMEDG to deliver an information night at Sydney University to ~50 students (from a range of Sydney unis).
- Following the devastating earthquake in Turkiye, the committee brought together a panel of experts with particular familial and scientific knowledge of the event. The group will run a public meeting in mid May on the Turkiye-Syria Earthquake in the Auburn Centre for Community which is the geographical centre of the Turkish and Syrian communities.

Talks and Meetings are a regular feature for the NSW Division. In 2022-23 we held monthly talks, using a mix of face to face (2), Virtual (3) and hybrid (3) formats. These included several talks organised jointly with our AIG and SMEDG colleagues, for example a talk by Professor Katrin Meissner (UNSW) on *the geology of climate change* and Dr Caroline Perring (SEG's Regional VP Lecturer for 2022) on *The Geodynamic Setting of Komatiite-Hosted Fe-Ni-Cu Sulfide Deposits of the Agnew-Wiluna Belt, Yilgarn Block, Western Australia*. In November NSW many of our student members presented papers at the national Virtual GESSS meeting. Sabin Zahirovic was a co-chair. Social events for the NSW Division members have included a trivia night and a picnic day.

Joanna Parr, Chair

Northern Territory Division 2023 AGM Report



Geological Society of Australia: Northern Territory Division

Chair

Amber Jarrett

Secretary

Cait Stuart

Treasurer

Jo Whelan



The Northern Territory Division is a small division of 26 financial and 2 non-financial members as at 12 April 2023. Although we are small in size, we had a very busy 2022 and are seeing this momentum continuing into 2023!

We started 2022 in the midst of COVID-19 lockdowns, unfortunately unable to hold our Annual Dinner. Instead of letting these unfortunate events set the scene for the year, we pivoted to a more online focused division. The Division established our own email address, started a LinkedIn page, ramped up the online seminar series, and reignited the GSA NT Newsletter for a short period as a way for us to keep in touch and share photos of field sites we wished we could visit.

As we emerged from our socially distanced bubbles, we have become more of a hybrid division. It has been great to have the option to attend meetings via zoom, and afterwards have an opportunity for evening drinks in both Alice Springs and Darwin. As many of our members are primary carers, often work offsite, or are simply time poor, we hope the option to be able to tune in from anywhere, or the ability to watch later on the GSA Youtube channel has demonstrated our attempts at being more inclusive Division. We will also trial a few lunchtime talks in 2023 to see if member attendance increases. This year we also held joint events with PESA and AusIMM as additional ways to enhance the geoscience community in the Territory.

A summary of our 2022 highlights include:

- Publishing the Divisional Newsletter. We had a lot of positive feedback from our members.

- GSA NT Division seminar series has been a great success. Members have the opportunity to showcase their work, or present on any interesting topic (how good was the volcano stamp talk!). It is also an important way for our Division to hear about the research or exploration activities undertaken in the NT. We had aimed to hold a talk at least once every two months, and thanks to the amazing **Cait Stuart**, we had 11 seminars in 2022. Thank you so much for organising the series Cait and also thank you to all of our members who presented or helped us to arrange presenters
- A LinkedIn page was requested at the last AGM as the most popular social media for division members. Thanks to **Pablo Farias** for setting up the page and posting content. If you aren't already a follower, you can join here: <https://au.linkedin.com/company/geological-society-of-australia-nt-division>
- Darwin based geologists went to the Top End Gem and Mineral Club for an outreach event to help the club identify some of their unknown specimens. We were treated to a lovely collection of minerals and fossils as well as a lovely morning tea.
- The Central Australian Basins Symposium (CABS) conference was held at Darwin Convention Centre on the 29th and 30th August 2022 and will brought together geoscientists who have an interest in the geological evolution and resource potential of central Australian basins. The conference was managed by PESA, however we did a lot of behind the scenes negotiating to ensure that all GSA members were able to attend at a discounted member rates. We also held a special GSA Session at CABS to showcase some of the exciting work of our members. It was great to see a strong representation of ~20% of abstracts from GSA members. We finished the conference with a GSA-PESA Networking sunset drinks which was so popular the generous bar tab ran out in about 15 minutes.
- In November, the Alice Springs Cinema was abuzz with the screening of 12 short videos from the Earth Futures Festival. GSA were more than happy to support drinks and nibbles. Thanks to **Glen Marshall** for arranging the event.
- We published a NT Geology 2023 Calendar, the first we hope of many calendars that showcase the diverse and exciting geology of the NT from mountain ranges to thin sections. Patrick Nelson was awarded the inaugural GSA NT Best Photography competition for his stunning photo of Corroboree Rock. We printed 180 calendars, not knowing how they would sell and we were very surprised that we sold out before the end of the year. Thanks to all of our sponsors:
 - Intertek Minerals
 - McArthur River Mining, Glencore

- Mount Todd, Vista Gold
- Teck Resources
- Minerals Council of Australia

We will be continuing the calendar fundraising tradition in 2023, but starting the process much earlier. If you find yourself taking a beautiful photo, please send it in whenever you can to us: gsa.northernterritory@gmail.com.

- The calendar was a fundraiser for GSA Member **Anett Weisheit**'s Larapinta Trail Guidebook. The book is now fully funded, layout is ongoing and we are looking to launch the book in June at AESC2023.
- The division celebrated the start of 2023 with a fantastic annual dinner. A record of 74 geologists from industry, government, research and academia were in attendance at the Char Restaurant in Darwin. The Dinner speech was given by Dr Jun Cowan, Consultant Geologist talking about new ways to explore for ore deposits– and the power of alternate or opposite thinking. We received very generous sponsorship from:
 - Intertek Minerals
 - Core Lithium
 - McArthur River Mining, Glencore
 - Mount Todd, Vista Gold
 - PNX Metals

Thanks to **Jo Whelan** for managing the sponsorship, finances and the majority of the organisation.

I'm very excited to see what we get up to as a division in 2023- future activities include:

- The 2023 seminar series are all locked in- but we will always welcome spontaneous talks from visitors.
- Launching the Larapinta Trail guide book at AESC2023.
- Mid-year field trip and lunch
- Launching the 2024 Geology of the Northern Territory calendar. Entries are always welcome.
- Establishing geotrails with NT Parks
- Outreach and education opportunities

If you have any feedback, would like to collaborate or present to the division please get in touch gsa.northernterritory@nt.gov.au

Northern Territory Division
Executive Committee
Chair: Amber Jarrett

Secretary: Cait Stuart
Treasurer: Jo Whelan

General Committee

Glen McIlwain
Pablo Farias
Tim Munson
Lachlan Hallett
Chris Edgoose
Anett Weisheit

Stratigraphic Nomenclature subcommittee

Chair: Tim Munson
Amber Jarrett
Elliot Foley
Pablo Farias
Charles Verdel
Jo Whelan

Geoheritage Subcommittee Representative:

Christine Edgoose

Geotourism Subcommittee Representative:

Anett Weisheit

Amber Jarrett, Cait Stuart and Jo Whelan

Executive team, NT Division Geological Society of Australia

Queensland Division 2022-2023 AGM Report

The GSA Queensland branch has continued the hard work of previous committees. Our Rocks and Landscapes Books sales continue to be a great buy. Our rocks and minerals kit program, run by the Tony Shellshear continue to sell but he is in need of some help. In the Rock and Landscapes publication space, Warwick Willmott has taken a step back, but Kat Gioseffi has moved into the role and driven the success of the sales. We have also continued our support of regional and local early career geoscientists with conference bursaries. Our stall at the world science festival was a great success in March, thanks to Laurie and all the volunteers. While there were limited face to face get togethers over the last 12 months, there was a lot to be proud of from the Queensland committee and our members.

The GSA's premier conference event, the Australian Earth Sciences Convention is being held in Perth in June 2023 and promises to be an exciting event. Event bursaries are available for GSAQ student and early career members who are presenting at the conference. The AESC is always a wonderful opportunity for networking, catching up with colleagues as well as listening to latest research or ideas or presenting your own.

Now that there are more and more face-to-face events happening in QLD, I encourage everyone to get out and get involved.

Finally, I just want to make this point, we need to keep sticking together and use our network. The success of the world science festival is testament to the interest the public has in earth science. However, in order to keep this positive messaging going and to facilitate all the great work by all the committees, we need more geologists in circulation. We need to continue filling the committees with new people, support and volunteer for initiatives like the rocks and minerals kits, and we need to fill the many jobs available in industry. To do this, we must all stick together and use our networks. So reach out to one another and help each other out. Don't be a stranger.

Having said that, don't forget to link up on LinkedIn to check out any news or event details, including the Brisbane Brews meetings:

<https://www.linkedin.com/company/geological-society-of-australia-queensland-division/>

I look forward to seeing you at the AGM!

Nick Dyriw, GSAQ Chairperson

Membership

Memberships have dipped a little this calendar year, after being steady for a couple of years. To date, new members balancing members who have lapsed. As at the end of April, the Queensland Division had 258 financial members and 32 unfinancial members (i.e., those who were members in 2022, but are yet to pay their subscriptions).

Overall, since the last GSAQ AGM, which was held in August 2021, nett membership has declined by 31 members, student numbers showing the most turnover, with almost half new members being students, but also making up half of the lapsed membership. The challenge as ever, is to encourage the students to convert to graduate and then full membership as their career progresses.

Sadly, two of our long-term members have passed away since the last AGM — stalwart committee member, Lloyd Hamilton, and recently Bryan Coxhead. Our condolences to their family and loved ones.

Membership type	New members since September 2021	Lapsed members since September 2021	April 2023 financial (unfinancial)	2022 financial (unfinancial)	2021 financial (unfinancial)	2020 financial (unfinancial)
Full	14	21	145 (11)	146 (12)	148 (15)	151 (14)
Joint		1	1	1	1 (1)	3
Retired	3	6	65 (1)	69 (2)	67 (1)	66
Graduate	4	7	9 (4)	11 (3)	12 (3)	14 (2)
Associate		3	6	6 (3)	9	7
Student	18	32	31 (16)	32 (19)	45 (18)	36 (15)
Honorary			1	1	1	1
Total	39	70	258 (32)	278 (39)	283 (38)	278 (31)

Upcoming GSA Queensland Events.

GSA Queensland Division, Annual General Meeting

When: Date TBA - Either 29th May or 14 June venue permitting (NOTE the change from the normal Tuesday)

Venue: The Stair Stadium, The Precinct, Fortitude Valley

Topic: Annual General meeting.

Keynote Speaker: Tony Shellshear

Rocks and Minerals kits in the education and outreach space

At the AGM we will vote on the committee positions and present annual reports of the Division.

Social Outreach

During March 2023, Brisbane saw the return of, and hosted, the world science festival after a hiatus due to COVID. The world science festival is an extraordinary international event bringing scientists from around the world to Brisbane. As part of this week-long event, the GSA Queensland branch had a booth set up to talk about the local geology, and earth science in general. In addition, this year the team offered a series of guided walks to the general public. The walks were an event requiring registration before the event. All the walks were sold out the week before the festival- how brilliant is that!! The weekend was a great success. Laurie Hutton the cast of volunteers put on a great show.

The feedback, nothing but positive. The volunteer members who came out to support carried themselves with professionalism and represented the GSA with panache. It was a great testament to the GSA members to have supported such an event. Thank you all so much and well done to everyone. A big thank you to the hard work by Laurie Hutton and the rest of the team.

Tasmania Division 2022-2023 AGM Report

The Tasmania Division of the GSA currently has 121 members. The group through its committee have been active in organising a variety of meetings and events. All the committee and many other GSA members have participated in furthering the goals of our organisation to foster knowledge of geoscience in our state. We have continued to record meetings and provide streaming for our face to face meetings for those unable to attend. We have formalised our website (gsatasmania.org) and its throughput to social media platforms of Facebook and Instagram, enhancing our communication capacity alongside producing our newsletter the Tasmanian Geologist which is emailed to all members. As well as seven presentations at evening meetings, we have diversified our monthly offerings to provide opportunities for people different groups to participate. We held a film evening, a student meet industry event and a picnic which allowed families to participate. 29 members and friends participated in the autumn field trip to the Florentine Valley exploring the geology and hunting for fossils. Many of our members and committee were instrumental in organising and running the field meeting of the Specialist Group in Tectonics and Structural Geology Structure (SGTSG), which after several COVID-related postponements, was finally run on King Island in November 2022. We provided two student prizes in 2022 and have worked with the University of Tasmania to expand our student awards for 2023 to one award at every year level. This is planned to raise our profile with students and attract more members into the future. It will be trialled for three years prior to review. Members also contributed to the Hobart Festival of Bright Ideas and virtual; GESSS.

The year also provided opportunities to network with other learned and professional societies. Joint meetings and events were held with AIG, ASEG, AGS and RST Northern Branch, AusIMM and, student's UTAS Geology Society. The one-day Geoscience Forum with AusIMM and AIG in Tullah was at venue capacity. It was a great success; showcasing geoscience in Tasmania and will be run again in December 2023.

Executive:

Chairman: Karin Orth

Treasurer: Claire Kain

Secretary: Sebastien Meffre

Newsletter editor ("The Tasmanian Geologist"): Karin Orth

Committee Members:

Sheree Armistead (continued)

Peter McGoldrick (continued)

Phil Sansom (continued, Secondary Education specialist on the GSA committee)

Grace Cumming (continued, website/media)

Rebecca Carey (continued, membership)

Jacqueline Halpin (continued)

Matt Ferguson (continued)

Jeremy Asimus (Student Representative, media)

Acacia Clark (Student Representative, media)

Olivia Wilson

Wei Heng

Auxiliary Members:

Mike Vicary taken over from Clive Calver (Heritage Officer)

Ralph Bottrill (Convenor of the Canberra Rock Garden sub-committee; continued)

Steve Forsyth (Stratigraphic Nomenclature committee Tasmanian rep., continued)

The committee acknowledges the contributions of Clive Calver as Heritage Officer and thank Mike Vicary for taking over this role in June 2022. We are also grateful to Andrew McNeill who has been the GSA representative on the organising committee for the Tasmanian Geoscience Forum since its inception 13 years ago and has now handed over the reins to Sheree Armistead. Matt Ferguson stepped down as Vice Chairman but continued on the committee in 2022-23. Recent graduates Wei Heng and Olivia Wilson joined the committee and Jeremy Asimus stepped up as a student member. Claire Kain has been the Treasurer for a year and Sebastien Meffre has managed to fit his position as secretary among his many other significant work and life commitments.

Karin Orth, Tasmania Division Chair

SPECIALIST GROUPS

AAP

FROM THE CHAIR

Our fourth year in council, the Western Australia Council, consisting of myself as the Chair, John Gorter as Vice Chair, Heidi Allen as Secretary and Daniel Mantle as Treasurer, welcomed two new committee members, Elizabeth Dowding as webmaster and Sarah Martin as Publishing Officer. 2022 continued to be affected by COVID-19, and as a result we decided to move PDU3 to 2023 to make sure that COVID-19 would have less an impact on the conference.

At our AGM this year, we awarded the 2022 Mary Wade Award for best paper in Alcheringa by an early career research and the 2021 AAP Dorothy Hill Award for best paper by a middle-career researcher.

Our checklists continue to grow (please see our website: <https://www.australasianpalaeontologists.org/databases>). We are looking for more contributors to take on other taxonomic groups.

Our membership had a small increase (3) in members since last year, with currently 123 financial members. Our social media presence is on the rise, with 88 new followers on Facebook, 69 on Instagram, and 66 on Twitter.

Our Treasurer reported our 2021 profit and loss. We made a modest loss this year, due to paying deposits for PDU3, which we won't recoup until after PDU3.

Alcheringa Chief Editor, Ben Kear, reported a steady impact factor of the journal, at 1.395, and Alcheringa achieved the highest ever total citations in 2021 index year (1245). Submission intake as increased in 2022.

Nomen Nudum editor, Rodney Berrell, is stepping down this year but a new editor was voted in at the AGM, Patrick Smith. We thank Rodney for his long service to AAP and Nomen Nudum and wish him well. Welcome to Patrick Smith and hope you will enjoy the new position!

Finally, due to personal reasons, Heidi Allen has resigned as AAP Secretary. We thank her for her contribution to AAP the past 4 years and wish her well. We will organise a Special General Meeting (SGM) in January or February to vote in a new Secretary.

We are looking forward to 2023 and welcoming everyone to Perth in July for PDU3. Please join the conference mailing list here: <https://www.australasianpalaeontologists.org/pdu3>.

At PDU3, we will have a final AGM for the Western Australian Council, to report our final 6 months activities and vote in the new council replacing us, from New South Wales.

Kenny J. Travouillon

Chair, Australasian Palaeontologists, Western Australian Museum, Perth

AUSTRALASIAN PALAEOLOGISTS 2022 AWARD

Congratulations to Isaias Santos Barros and Professor Kate Trinajstic

The 2022 awards of Australasian Palaeontologists were presented at the specialist group's AGM at Public House in Perth, and also virtually on Zoom, on 23rd November.

The **Mary Wade Prize** is awarded for the best paper(s) published in the previous two years in a peer-reviewed Australasian Palaeontologists publication (currently, *Alcheringa* and *Australasian Palaeontological Memoirs*) by an early career researcher as sole or first author. 'Early career' is defined as any tertiary student, or any researcher who has graduated less than five years previously at the time of submission of the paper. Provided authors meet the above criteria, publications by any Australasian, or by any researcher that deal with material predominantly from the Australasian region, will be eligible for consideration.

The 2022 Mary Wade Prize was awarded to **Isaias Santos Barros** for his lead authorship of the collaborative article:

Isaias Santos Barros, David W. Haig & Eujay McCartain (2022) Uppermost Triassic Halstätt-like cephalopod limestone (Lilu Facies) and Foraminifera, Timor-Leste, Alcheringa: An Australasian Journal of Palaeontology, <https://doi.org/10.1080/03115518.2022.2112288>

The award included an engraved trophy and \$1000 cash prize. Early career palaeontological researchers are encouraged to publish their results in the journals of Australasian Palaeontologists, so as to be eligible for the prize.

The **AAP Dorothy Hill Award** is awarded for the best paper published in a calendar year in any peer-reviewed journal on Australasian Palaeontology by a middle-career researcher as sole or first author. 'Middle career' is defined as any researcher that are between 6 years after graduation and retirement. Provided authors meet the above criteria, publications by any Australasian researcher, or on any material predominantly from the Australasian region, will be eligible for consideration.

The 2021 AAP Dorothy Hill Award was awarded to **Professor Kate Trinajstic** for her lead authorship of the collaborative article:

Trinajstic, K., Briggs, D., Long, J. 2021. The Gogo Formation Lagerstatte: a view of Australia's first barrier reef. Journal of the Geological Society, 23 November 2021, <https://doi.org/10.1144/jgs2021-105>.

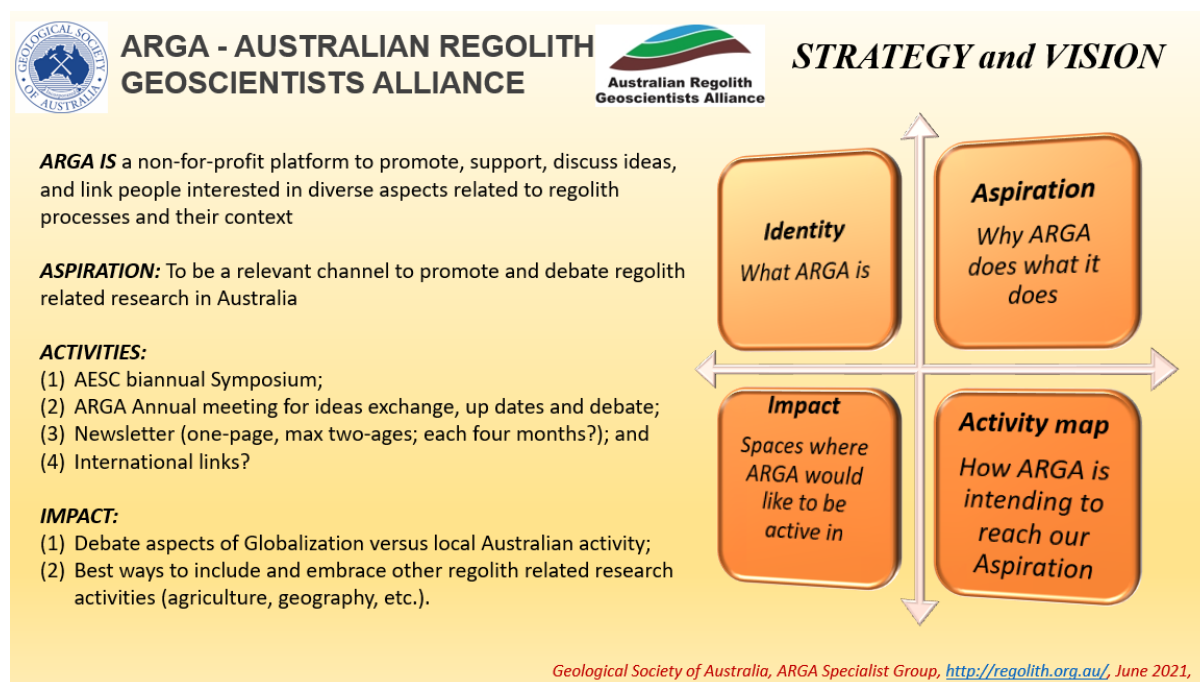
The award included a certificate and \$1000 cash prize. Middle-career palaeontological researchers are encouraged to submit their papers to AAP, in order to be eligible for the award.

Australian Regolith Geoscientists Alliance Specialist Group (ARGA) – Annual Report

1st May 2023

The past two years ARGA has focused on developing a long-term strategy for the ARGA Specialist Group, as we gain momentum since the incorporation of the group within GSA in 2019. The draft Strategy and Vision has been a work in progress (see below), with a focus on ARGA being a relevant channel to promote and debate regolith research in Australia. Our specialist group focus has been:

- To increase communications between the committee and members, through a quarterly newsletter plus online networking (bimonthly)
- To ensure that the 2023 AESC features an ARGA symposium
- To reach out to international groups and create an international presence
- To link into critical zone observatory networks and research within Australasia
- To attract new members and support regolith research in universities.



The past year (2021 to 2022) has opened up face to face events again, with a great chance to meet up with collaborators and make new acquaintances, including research students just starting their projects in regolith science. The joint GSA-GSSA-GSNSW conference Uncover Curnamona was a great opportunity to network and reconnect after such a long period of time without professional meetups and conferences.

Over the past year we have had two committee stalwarts resign from the ARGA Committee - in May 2022, long-time ARGA committee member and past Chair, Dr Carmen Krapf: and in Feb 2023, outgoing Chair Ignacio Alvarez-Gonzalez. Carmen was able to help bring ARGA into the GSA as a specialist group and her passion for regolith geoscience, including outreach, has been sorely missed. Nacho has progressed an ARGA strategy and has pushed very hard for ARGA to step up onto the national and international stage as a leading group of professionals to advocate for regolith and

cover in Australia and beyond. We would like to take this time to formally acknowledge all the wonderful work Carmen and Nacho have done during their time with ARGA, leading regolith geoscience and geochemical studies as well as teaching roles at NExUS which continues still. You leave a legacy, Carmen, and Nacho, and we thank you for your leadership, enthusiasm, fun and great ARGA connections.

This year is shaping up to be a year of changes and opportunities, as we look ahead to face to face professional events like the Australian Earth Sciences Convention in June, and local field trips too (make sure to keep an eye out for a specialist group field trip lined up with the AESC!). With the AESC comes a change in committee, as ARGA will host its Annual General Meeting at the AESC also. It will be very hard to fill Nacho's shoes, until the AGM in June Anna Petts will be acting Chair while covering the role of Secretary.

Treasurers Report

Cash balance for ARGA at 30 Dec 2022 was \$29,173.41 (Previous balance \$28,881.18).

	B/Sheet
	ARGA
CASH ACCOUNT	29,173.41

Current Committee

- Past Chair (Resigned, Feb 2022): Dr Ignacio Gonzalez-Alvarez (Nacho)
- Secretary (and Acting Chair): Dr Anna Petts
- Treasurer: John Keeling
- Non-Executive Committee Members:
 - Nadir De Souza Kovacs
 - Savannah McGuirk
 - Leah Lynham (student representative)
 - Carmen Krapf (resigned from committee June 2022)
- Webmaster: Dr Ian Roach

ARGA Symposium at AESC 2023

As most ARGA members would recall, traditionally we have held a biannual symposium (with the last one held in 2020, virtually). The ARGA Symposium will be composed of two sessions, with theme leaders: Ignacio González-Álvarez (current ARGA chair, CSIRO) and Anais Pagès (Department of Water and Environmental Regulation):

- Australasia's changing landscapes

With a focus on landscape evolution and regolith this session would concentrate on, but not be limited too, insights into Australasian sedimentology, climate science, palaeontology, ocean science and glaciology which give key understandings into surface and near surface processes and our changing landscapes through geological time.

Co-Chairs: Leah Lynham, Nadir de Souza Kovacs

- Mineral exploration in weathered and covered terrains

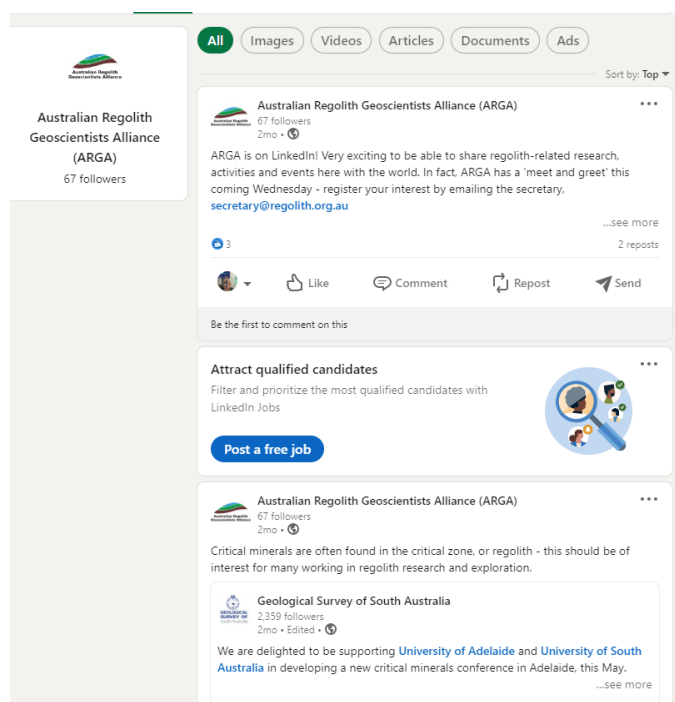
One of the fundamental challenges for mineral exploration industry is targeting concealed mineral deposits in deeply weathered terrains. The geochemical footprints and geophysical responses of the buried mineralisation can be affected by regolith. However, weathering can produce secondary geochemical dispersion haloes larger than the ore body itself. To better targeting mineral deposits under cover, it is fundamental to understand landscape evolution, processes of metal dispersion in regolith, and to develop new tools and sensing technologies for exploration through cover. In this session we invite submissions on developing exploration and analytical tools that help towards vectoring mineral deposits under cover. These include, but not limited to, litho-, bio- and hydrogeochemical, geophysical, hyperspectral, indicator minerals, remote sensing, and machine learning methods.

Co-Chairs: Dr Walid Salama and Dr Anna Petts

ARGA achievements 2022-2023

- Launched LinkedIn page
As of 1st May 2023, 67 followers (launched in April 2023)

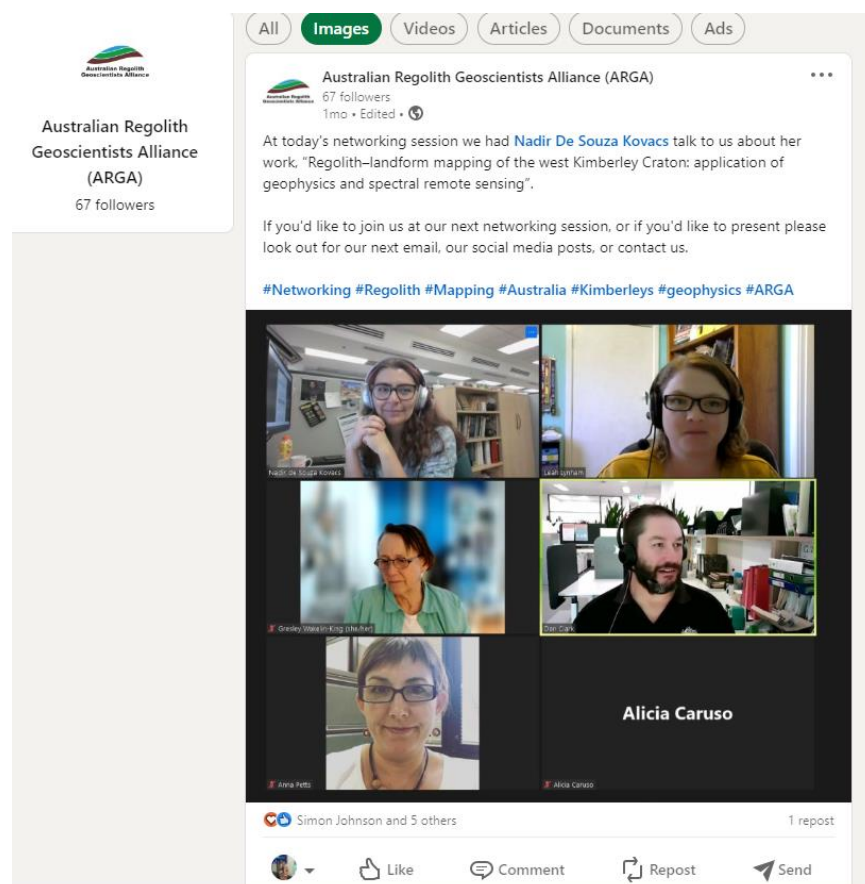
<https://www.linkedin.com/company/australian-regolith-geoscientists-alliance-arga/>



- Bimonthly Online Networking Events
 - This webinar and networking event aims to introduce members to the existing committee and also promote networking and introductions in the lead up to AESC 2023, where we hope to have many of our members presenting their great regolith research and insights from across a range of disciplines.
 - February 2023 – Networking and introduction to the event



March 2023 Speaker - committee member and GSWA regolith guru, Nadir de Souza Kovacs who will present a short talk on her work, “Regolith–landform mapping of the west Kimberley Craton: application of geophysics and spectral remote sensing”.



- Another networking event is planned for May 2023.
- Social Media accounts:

- Facebook – Australian Regolith Geoscientists Alliance (ARGA)

<https://www.facebook.com/groups/10150125426600193>

As of 1st May 2023, 133 Followers

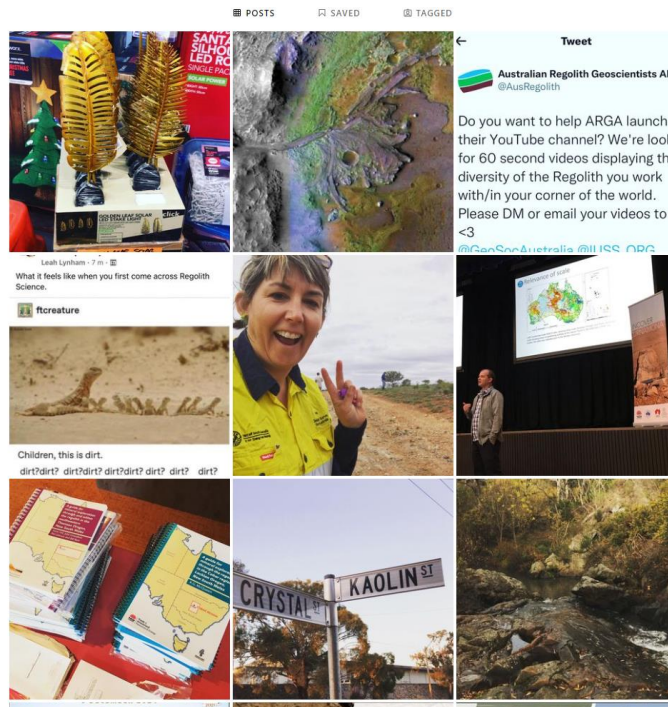
- Twitter - AusRegolith <https://twitter.com/AusRegolith>

As of 1st May 2023, 81 followers



- Instagram - <https://www.instagram.com/ausregolith/>

121 followers



GSA Coal Geology Specialist Group Annual General Meeting 2023

This short report highlights the activities of the GSA Coal Geologists Specialists Group for the past year(s). Although we've been quiet on our communiques, we have been active, in particular through our corporate groups. The main aim of the GSA Coal Geologists Specialist Group (CGG) is to promote coal geology in all its aspects, fundamental and applied, and to support activities to achieve this aim. The GSA CGG has a committee responsible for organizing these activities through a newsletter (the Dragline), symposia or technical sessions. In more recent years activities have been through supporting the Bowen Basin Geologists Group (BBGG) and the NSW Coalfields Geology Council (CGC), and by contributing support to other societies' activities such as the Petroleum Exploration Society of Australia (PESA), Australian Institute of Geologists (AIG), as well as GSA national and state branches and their student conferences.

The BBGG and NSW CGC are now corporate members under the umbrella of the GSA CGG and this will require a modification to our current Constitution by the incoming committee. The majority of GSA CGG members are in Qld and NSW but we still have members in other states. The GSA CGG currently has 83 members (as of March 2023), down from 202 members in 2011. Attrition has been through retirement and decease, and loss to other societies, although the BBGG and NSW CGC are flourishing. The flagship of BBGG, The Bowen Basin Symposium 2021, held last March 2022 was a huge success with some 600 attendees. The online Coal Geology Fundamentals organized by the NSW CGC in November 2021 had some 250 registrations- many students and recent graduates in the coal and coal seam gas industries. The BBGG has planned site visits for 2023 and the NSW Sydney Basin Symposium is being organized for 2024. NSW CGC host quarterly meetings with technical talks at sites around the basin. This is evidence that there is a need for the GSA CGG to continue, and to increase its profile through actively supporting new initiatives. The GSA CGG is financial, with approximately \$111,000 in the GSA consolidated funds, and additional funds in the GSA CGG cheque account (\$60,932) and a term deposit (\$68,549). The BBGG and NSW CGC finances are not

accounted here. It should be noted that the GSA CGG financially supports the BBGG symposia, and its strong financial position comes from contributions made by the BBGG BBS symposia since 2000 and before, in addition to its membership dues, book sales. The finances of the GSA CGG are audited annually.

Going forward, it is incumbent on the GSA CGG to remain active, grow its membership and enhance its collaborative position with industry, academia and government. We also need to better utilize our parent organization, the national GSA for promotion of activities through the website and TAG. In particular we thank Sue Fletcher who has been instrumental in guiding through our current status.

Elections were held in March 2023 and the following honorary committee positions were filled for 2023 until the next election coincident with the BBS 2025.

Chair– elected Sean Dixon

Vice chair Qld- incumbent Bill Hayes

Vice chair NSW- elected Cheryl Holz

Secretary- elected Joan Esterle

Treasurer- incumbent Natasha Thompson (shared with BBGG)

Editor – incumbent Jim Beeston

BBGG representative- Ashley James

NSW GCG representative- Peter Holloway

Members at large (confirmed): Mark Biggs, Peter Handley, Peter Chern, Stewart Davison, Joe Perkins, Sue Faulkner, Wes Nichols, Warwick Smyth, Peter Crosdale and all others are welcome.

The GSA CGG thank Sue Faulkner for being our amazing secretary and Joan Esterle for acting as the Chair, both since 2015.

Education and Outreach Specialist Group Report 2023

Sabin Zahirovic and Bonnie Teece, 5 May 2023

sabin.zahirovic@sydney.edu.au, bronwyn.teece@jpl.nasa.gov

The GSA EOSG was reinstated in 2022, and we have spent the year surveying the state of play and assembling a committee. Having met with different stakeholders, including high school teachers, high school and university students, and colleagues in academia and industry, we have identified the most crucial aspects of the issue that the GSA Education and Outreach specialist group can contribute to.

The most significant problems at the moment are the declining enrolment and interest in geology nationally at the university level, along with the lack of opportunities for many students with universities across the nation shutting their geoscience programs. This is despite a marked increase in enrolments in the HSC-level Earth and Environmental Science course over the last decade. There is a general negative perception and lack of trust within the public of geology, especially as most advocates for Earth science are self interested. There are also lots of well intended groups doing things all around the country that are all siloed but not aligned, and there is a critical need for meetings to share and pool resources.

We have identified several areas for improvement and are working towards them at present. As most universities have based their decisions in closing departments on student numbers in relevant Earth Science majors, we need to try and increase enrolments. The most obvious pool of students are the HSC Earth and Environmental Science students, which represent a growing pool of potential talent. However, since interest has been growing in this HSC unit of study, teachers have been redeployed from other disciplines, such as Biology, Physics, and so on to teach a unit that is rooted in Geology.

Since most schools provide very limited training or opportunities for professional development, new teachers in Earth and Environmental Science lack confidence to discuss the more nuanced issues. For example, to tackle climate change we will need to extract more copper and lithium through mining, but we need to have the relevant context to ensure First Nations participation in all levels of decision-making, and ensure environmental protections are followed. Our areas of focus are particularly around how to make high school teachers, particularly in Earth and Environmental Science, more confident in teaching geoscience.

At universities, the complementary manifestation of this issue is retaining students in Earth Science majors, to reduce potential risks of departmental downsizing and closures. We need to be able to communicate pedagogical best practices (including teaming up with AUGEN and other professional educators groups). For example, traditional teaching techniques were highly structured and linear, in terms of teaching rocks, minerals, fossils, and so on. The current generation of students prefer understanding how their geological skills can be used to address the significant societal challenges we face (climate change, food/water security, energy independence, poverty, etc.). This requires aligning teaching with the UN Sustainable Development Goals, and the focus on case studies. In addition, university students need to be exposed to professional development through the GSA and interactions with industry, including growing areas of Earth observation through the Australian Space Agency.

The specialist group will therefore need to be a bridge between several groups of GSA members and non-members, with the aim of improving the societal trust in Earth Sciences and the resilience of our discipline in the university system.

Priority Areas:

- We need to develop more support and benefits for teachers within the GSA. Teachers have expressed an interest in a) regular Zoom Q & A sessions with experts, b) material and support from experts, including recorded lectures.
- There is also a need for more hands on resources, like the rock kits that GSA QLD made in the past. This should be expanded to also include minerals and fossils, and ask industry to sponsor petrological microscope donations to schools.
- Cost of membership for teachers is high, and there was previously no room for teachers or people without geology degrees. We need to reduce these barriers to membership.
- Help establish or support an endowment fund for teachers to attend professional development, including attending Earth Science conferences and so on.
- Hold several Town Hall meetings with teachers and outreach groups (like AusEarthEd, Geoscience Australia, GeoSciEdX, TESEP) and university colleagues.
- There has been little to no discussion between the GSA Governing Council, Divisions, and the specialist groups. These communication channels need to be opened.
- There is no consistent method for GSA reaching out to universities, so universities with GSA members will get more communication and opportunities. Over the course of the year we will work with the ECGAP to try to find ways to increase and make more even this issue.
- Increase high school teacher representation across all levels of the GSA, including the national Governing Council.

The new committee (meeting monthly on Zoom) consists of:

1. Co-Chair - Dr Sabin Zahirovic, University of Sydney - Geoscience education in academia, equitable access to geoscience education
2. Co-Chair - Dr Bonnie Teece, NASA Jet Propulsion Laboratory - Equitable online geoscience education in academia, outreach and education with community groups
3. Committee Member - Anita O'Connell, TAFE Digital - online geoscience education for high schools
4. Committee Member - Martin Nguyen, Rio Tinto - former industry, studying to become a teacher
5. Committee Member - Keegan McGuffie, AECOM - former industry, studying to become a teacher
6. Committee Member - Kelly Sharrad, Geoscience Pathways Project - teacher and educator, working to upskill other teachers to become more confident
7. Committee Member - Emily Rochette, University of Melbourne - lecturer in science education, specialises in how to teach geology without a background in geology
8. Committee Member - Dr Mitch Gibbs, University of Sydney - Indigenous incorporation within curriculum

In assembling the committee we wanted to ensure a spread of knowledge across education, outreach, industry, academia, and include Indigenous knowledge. We have also tried to include a diversity of location with members spread across QLD, NSW, VIC, SA and WA.

Specialist Group for Economic Geology Report May 2023

The recent year for the SGEG has seen significant activity both within the committee and extending outside.

To a large degree the increased activity can be attributed to a conscious decision to change the venue of our meetings, from a casual pub environment to an office environment. This has been coupled with a more formal meeting agenda and increased regularity in meetings. Further, the committee made the decision to enable the meetings, as a result of the change in venue, to be run both in person and virtually. This has made it easier for more committee members to attend on a regular basis and, also, to encourage non-WA resident members to participate.

The change to virtual meetings has allowed the committee to attract a number of new, contributing members, providing a base of 15 committee members, and which include:

Marcus Willson	Chair	Perth
Simon Buswell-Smith	Secretary	Perth
Helen McFarlane	Treasurer	Perth
Matt Crowe	Committee	Perth
Wally Witt	Committee	Perth
John Walshe	Committee	Perth
Franco Pirajno	Committee	Perth
Chris Yeats	Committee	Perth
Felix Moore	Committee	Perth
Don Smith	Vice Chair	Perth

Tim Bevis	Committee	Perth
Andy Wilde	Committee	Perth
Alanis Olesch-Bryne	Committee	Townsville
Ned Howard	Committee	Sydney
Stacy Curtis	Committee	Adelaide

We welcome Simon, Don, Chris (welcome back), Felix, Don, Tim, Andy, Alanis, Ned and Stacy to committee, while thanking all members for their on-going contributions.

When the SGEG reformed a couple of years ago, under Sarah Jones' as chair, it was decided that a key focus would be on supporting early career geologists and this remains so. With the significant effort of Helen McFarlane and now with assistance from Alanis Olesche-Bryne, we have been able to continue with the 'Facets of Exploration' series of on-line talks/presentations. These continue to receive strong support from both fellow GSA members and more widely across Australia. To the end of 2022 we were able to complete presentations during most months. Early in 2023 we had a pause due to time constraints and speaker availability, but recommence the program from May, with a series of speakers being lined up, including Andy Wilde of Wilde Geoscience (May), Brenton Crawford of Datarock (June) and a planned panel presentation of women working in exploration (July/August).. Below is a list of speakers and their topics as presented during 2022.

Month	Speaker	Talk Title
April	Dennis Arne	Gold Exploration in Victoria: Raissance, Resurrection, Replay?
May	Andrew Scogings	Natural Graphite 101
June	Ned Howard	Introduction to Multi-Element Geochemistry in Exploration
July	Amanda Buckingham	Potential fields filtering is fun and fruitful for finding.....
August	John Walshe	A Search for the DNA of Mineral Systems
September	David Nixon	The Golden Mile – Adventures Within a Mineral System
October	Ryan Noble	Why fine soils are a fine approach to improve exploration through cover.

Alicia Verbeeten organised the Kalgoorlie Big Day Out, a two-day seminar hosted, ultimately during March. This had originally been planned to occur in late 2021 but was postponed due to COVID -19. SGEG had agreed to be a major sponsor to this event to the tune of \$5000 used to pay for the venue. Matt, Helen, Wally and myself were able to attend. The event assembled a group of well-regarded industry and government researchers with knowledge of the Eastern Goldfields and mineralisation therein, presenting a series of lectures intended to provide background pitched at an early to mid-career technical level, and which was achieved admirably. A number of mid-tier and major companies sent a total of >200 early career geologists to this event.

SGEG has been actively communicating with the organising committee of the AESC and supporting as possible. Through the efforts of particularly Wally Witt, Matt Crowe and Tim Bevis, a workshop on Carbonatites, with a focus on the emerging Gascoyne Province has been organised, and is now fully booked, as part of the larger AESC. The workshop will be presented by a number of well recognised researchers in this field including Franco Pirajno (committee member), Pete Siegfried, Simon

Johnson, Ross Chandler, but the emphasis is on REE exploration in the Gascoyne Province; thus, speakers representing exploration companies in the region will form the core of the workshop.

In addition, SGEG has agreed to set aside \$5000 for a total of ten \$500 Bursaries to be awarded to third year, honours and other post-graduate geology students to facilitate attendance at this event, based on a simple justification assessment. The committee provided \$1000 in sponsorship of GESSS-WA 2022 to further support earth science and economic geology students.

Noting the decreasing university enrolments and declining university geology seats, SGEG reviewed opportunities to contribute to reversing these trends. However, after a number of discussions, it became clear that it made most sense, once the greater GSA was able to identify appropriate paths in this area, that SGEG would be best placed to assist rather than drive a separate agenda. Ned Howard continues to liaise with relevant bodies in this space and will provide guidance as and when appropriate.

Over the last approximately 18 months, the committee has been working to deliver an AJES special edition on critical minerals. Chris Yeats and Carl Spandler (ANU) agreed to be guest editors and have been working to deliver at least 8 papers. As at writing, a total of 18 positive responses have been received to contribute. However, the original deadline for papers had been December 31st, 2022. This deadline was extended, as a result of a failure to receive any papers, until June 30th. It is hoped that sufficient papers will have been received by then to progress the edition.

The committee is responsible for the annual award, on a bi-annual basis at the AESC, of the A.B. Edwards medal for the best paper on aspects of economic geology published in the Australian Journal of Earth Sciences. During the year, papers were identified and reviewed for volumes 67 (2020) and 68 (2021). The reviews were completed independently with largely different SGEG committee members assessing papers from the two volumes and resulted in the same principal author, T.J. Wells, and co-authors being awarded the two medals, for papers related to research carried out on porphyry copper systems in the Macquarie Arc of NSW.

Two of the committee, Helen McFarlane and Marcus Willson, were also involved in the review and decision to award the Joe Harms medal for 2022. As at writing, this had not been announced, but will be awarded, along with the two A.B. Edwards medals, during the AESC conference.

The SGEG consolidated bank account remained relatively stable throughout the last financial year, with modest income from the Facets of exploration Webinar (\$327.84) and interest (\$30), however, this predominantly covered event administration fees. Major expenditure for the year comprised payment for accommodation of the international invited speaker for our AESC workshop (\$1684) and sponsorship of GESSS-WA 2022 (\$1000), with minor expenses paid for the end of year function (\$277.53). The closing balance of the consolidated bank account as of 31 December was \$5322.09. The value of the SGEG share of the consolidated investment portfolio as of 30 June 2022 was \$94,037.24.

The SGEG will participate, through my attendance at, the GSA Annual Meeting to be held during the AESC.

Marcus Willson

Chair – Specialist Group on Economic Geology – May 2023

Specialist Group in Geochemistry, Mineralogy & Petrology (SGGMP)

SGGMP 'Earth, Sea and Sky' Biennial Conference

The 2022 biennial meeting of SGGMP was held in Yallingup, in the south-west corner of WA. The meeting was held within easy reach of the superb coastal outcrops of the late Proterozoic Leeuwin Complex in the historic setting of Caves House, Yallingup, one of the jewels of south-western Australia. Prof. Nick Timms from Curtin University led the two afternoon field trips.

The conference clearly tapped a need for a face-to-face meeting: the 100 available spots, limited by the size of the venue and bus capacity for field trips, all sold out just before the early bird deadline two months ahead of the meeting. We could easily have sold 150 registrations if venue space had permitted. In the end the total number of participants was 98 after a couple of late withdrawals due to illness.

It was intended to cap the meeting with a visit to classic Archean South Western Gneiss Terrane exposures near Collie, led by Dr. Tim Ivanic, but unfortunately this plan had to be abandoned owing to a couple of positive COVID cases among the participants.

The conference sessions took place over two full days and two half days, featuring a total of 61 talks and 19 posters, divided into four main sessions: tectonics and geochronology, fluids and mineral deposits, magmatism mineralogy and petrology, and sedimentary and other miscellaneous geochemistry topics. Topics ranged from extra-terrestrial influences on continent formation through origin of life, the fine points of modern geochronology, classic ore deposit petrology, data interoperability and beyond. Keynotes were given by Prof. Martin Van Kranendonk on “The elements for an origin of life on Land: Evidence from the Pilbara Craton, Australia”, Prof. Jon Blundy on “Chemical differentiation by mineralogical buffering in crustal hot zones”, and by Dr. Margaux Le Vaillant (SEG Waldemar Lindgren medallist in 2021) on “Liquid sulfide transport in magmatic systems”. Particular features of the conference were talks and discussions on the early history of the Earth’s crust, illuminated by cutting-edge isotopic measurement techniques. Abstracts for all the talks and posters can all be found in GSWA Record here:

<https://dmpbookshop.eruditetechnologies.com.au/product/earth-sea-and-sky-the-biennial-meeting-of-the-specialist-group-in-geochemistry-mineralogy-petrology-sggmp.do>.

Grateful thanks are due to the conference committee, Pete Kinny (sponsorship), Louise Schoneveld (workshops), Lucy McGee and John Foden (programming), and Nick Timms and Tim Ivanic (field trips). Klaus Gessner compiled the abstracts, and Tim Holland and Sue Fletcher in the GSA office provided essential support. Blanca Beltran Fortuny, events manager at Caves House, made planning easy and provided us with a welcoming and comfortable venue. I can thoroughly recommend this venue if anyone is considering running a specialist geoscience conference in WA in the future.

We thank our sponsors for making the meeting affordable to many, and particularly to students. The event sponsors were Chalice Mining, BHP, CSIRO Mineral Resources, Curtin University, the Geological Survey of WA and Business Events Perth.

Plans for the next biennial meeting, in 2024, are beginning to take shape, with strong interest from an organising group based at UQ in Brisbane.

Further information on SGGMP and updates on the 2024 meeting can be found at
<https://gsasggmp.wixsite.com/home> - based on our experience this year, be sure to book early to avoid disappointment!

Student Presentation Awards

1st – Louisa Hebditch, Curtin University

2nd – Isabel Zutterkirch, Curtin University

3rd – Darwinaji Subarkah, The University of Adelaide

Highly commended – Srijita Ray, Australian National University & Anthony Clarke, Curtin University

Student Poster Awards

1st – Melissa Kharkongor, The University of Adelaide

2nd – Madeleine Ince, The University of Western Australia

3rd - Maria Cherdantseva, The University of Western Australia

Steve Barnes

SGGMP Chair 2021-22, steve.barnes@csiro.au

The incoming SGGMP Committee:

Balz Kamber, Teresa Ubide Garralda, David Murphy, Mark Kendrick, Scott Bryan, Charlotte Allen and David Purdy.

STANDING COMMITTEES

Report Standing Committee for Geoheritage AGM 2023

Due to COVID-19 restrictions, many of my activities have been mainly confined to attending virtual meetings and providing advice as a geoheritage specialist. This year my activities have again been divided between Geoheritage and Geotourism by representing GSAWA at the GSAWA Geotourism Working Group and attending a virtual GSA Geosites Working Group meeting.

In collaboration with Armstrong Osborne and Trudi Semeniuk (NSW), I provided expert advice on The Little Bay Geoheritage Site to the National Trust (NSW). I have recently received advice from the National Trust (NSW) that due to GSA participation, the Little Bay Heritage site has been successfully listed on the NSW Heritage List. I also provided expert advice on Geoheritage Reporting to the Federal Department of Environment for the National State of the Environment Report, provided general advice to the DMIRS Geoheritage Group, and to Native Title holders in the Kimberley. I nominated potential Australian Global Geosites to the IUCN IGCP Global Geosites Working Group and contributed to and disseminated information on the publication of the first IUCN WCPA Best Practice 'Guidelines for Geoconservation in Protected and Conserved Areas' (2020) [Best Practice Protected Area Guidelines Series No. 31. Gland, Switzerland: IUCN]. This publication is now available in English, French, Portuguese, and in German. See: <https://doi.org/10.2305/IUCN.CH.2020.PAG.31.en>

In 2022, three Australian Global Geosites submitted to the IUCN IGCP Global Geosites Working Group were accepted as internationally significant sites for research. Uluru (NT), Erawandoo (Jack Hills), and the Ediacara fossil Site (SA) were successfully included in the publication of the First 100 IUGS

Geological Heritage Sites. The book can be downloaded for free at www.iugs-geoheritage.org. The IUCN IGCP Global Geosite webpage has been visited by more than 19,000 visitors from 158 different nations in the last 4 months. Work on “The Second 100” Sites has commenced.

The State of the Environment report (SoE), a comprehensive assessment of the health of every aspect of the Australian environment, was published in 2021 (<https://soe.dcceew.gov.au/>). While generally the State of the Environment report focuses on biota and biodiversity, the 2021 report brought out aspects of the shortfall in matters of geoheritage. Dr Ian Cresswell will be providing a summary of the Geoheritage component of the SoE Report at the AESC 2023 Geoheritage Session.

The various activities for ACT, SA, Tasmania, Victoria, NSW, and WA are outlined below:

Margaret Brocx

ACT

Summary of Reports provided by Doug Finlayson

Several activities were undertaken under the auspices of GSA (ACT Division); these included an U3A course, a Mulligans Flat Excursion, a Captains Flat Excursion, the Canberra Brickworks Redevelopment, Heritage Week display, the National Rock Garden, and national workshop group meetings with the objective to document geoheritage sites.

U3A Course – Landscapes around Canberra: For an eighth and ninth year, during February and March 2021 and 2022, Doug Finlayson scheduled a course for U3A In 2021. Thirty members attended each Thursday over six weeks based on the many geoheritage sites around Canberra and the ACT. The theme was “Landscapes around Canberra, their Origins and Evolution”. During February and March 2022, Doug Finlayson scheduled a course for twenty six U3A members each Wednesday over six weeks also based on the theme “Landscapes around Canberra, their Origins and Evolution”.

Mulligans Flat Excursion, On 20 November 2021, thirty seven people with varying interests in the Earth Sciences gathered at the Mulligans Flat Nature Reserve in northern ACT to participate in an excursion to highlight the geology of the reserve. Megan Lech, a volunteer guide at the reserve, now intends to highlight the geology of the reserve by compiling information and organising public tours in the years ahead.

During early November 2022, Doug Finlayson resumed excursions to the NSW South Coast that had been suspended for a couple of years because of Covid-19 health restrictions. Seventeen people registered for the three-day, self-drive excursion, looking at features and fossils of the southern Sydney Basin at the Ulladulla, and at Wasp Head exploring the Batemans Bay Accretionary Complex, and looking at igneous rocks between Moruya and Tilba Heritage Village and at Merimbula.

Captains Flat Excursion: On 16 October, the GSA ACT Division organised a tour led by Richard Blewett, Alan Whitaker and Doug Finlayson around the historical mining town of Captains Flat to examine the stratigraphy and structure Ordovician to late Silurian (meta)sedimentary and volcanic rocks of an historically important mining area in the Capital region. About twenty people attended

Canberra Brickworks Redevelopment: During the 2021 and 2022, the ACT Government held ongoing discussions with DOMA Group for the development of the whole Brickworks site. Other parties interested in the overall multi-million dollar development included the Yarralumla Residents Association, the National Trust, Pedal Power, etc. The main interest of GSA is in the geoheritage-listed

Brickworks Quarry site and plans to turn it into a recreational park for the general public with rock outcrops in the quarry to be maintained for future generations and the parkland to be called “Pittman Park” (after the NSW Government Geologist who conducted the original site survey for the National Capital in 1913).

Heritage Week display: On 14 August 2022, the GSA ACT Division had a booth in the Canberra Centre, Civic (Monaro Mall 2022 Science Week display area), as a contribution to 2022 National Science Week activities in the ACT, coordinated by the ACT Government. The focus for the booth was on the rocks in and around Canberra and, in particular, on the new ACT Fossil Emblem, a trilobite, brought up in a drill core from under the Treasury Building within the Parliamentary Triangle during its construction. Included in the display were spectacular fossiliferous limestone cores from a Fyshwick building site, bone fragments embedded in limestone from Wee Jasper, and mylonite samples from near Tharwa, south of Canberra, all rarely seen by the public.

On 30 November 2021, the GSA received a letter from the ACT Government Minister Rebecca Vassarotti MLA that the ACT Legislative Assembly was to adopt the trilobite *Batocara mitchelli* as the ACT Fossil Emblem. On 24 November 2022, the ACT Legislative Assembly formally adopted the trilobite as the ACT Fossil Emblem.

National Rock Garden: The Federation Rocks at the proposed site on Commonwealth land for the National Rock Garden near Scrivener Dam continues to attract favourable public interest. A few additional rocks from around the country have been harvested. On 4 June 2021 an agreement was signed between the GSA and the ACT Government agreeing to a site for the Rock Garden within the National Arboretum.

GSA Geoheritage Subcommittee (South Australian Division) Report, April 2022

Current Subcommittee: Ian Lewis, Mario Werner, Bob Major

Convenor: Carmen Krapf

The GSA Geoheritage Subcommittee (South Australian Division) has not convened as a separate committee in 2021/2022 but had combined meetings with the 3G Group (Chaired by Ian Lewis).

Nomination for the Geological Heritage Register of South Australia:

- Kurilla Mine, Moonta-Wallaroo Copper-Gold Mining Field, Yorke Peninsula (by Colin Conor)
- Poona Mine, Moonta-Wallaroo Copper-Gold Mining Field, Yorke Peninsula (by Colin Conor)

Geoheritage & Geotourism Development at Nature Foundation’s Hiltaba Reserve.

SA’s Nature Foundation supported two Environmental Science final year undergraduate students, Amber Heuer and Amy Parks, to conduct projects on their Hiltaba Nature Reserve. Amber’s project involved the collection of data for the development of GSA Geoheritage site nominations and Amy worked on the same sites to produce a Virtual Reality Geotour which linked the sites into a geotrail. With the supervision and assistance of UniSA adjunct professors Pat James and Colin Conor, and including staff Dr Stefan Peters, Prof Delene Weber, technologist Steve Hill and GSSA’s Carmen Krapf about 10 sites were documented in great detail based around the Hiltaba Granite Suite Laccolith and its surrounding Mesoproterozoic Gawler Range lavas belonging to this extensive Continental Large Igneous Province. The formal nomination of these 10 sites for the Geological Heritage Register of South Australia is pending.

Release of the updated 1:2 million scale map ‘Geoheritage Sites of South Australia’ by the Geological Survey of South Australia in June 2021. The new map, an update of the 2007 edition and

compiled by Mario Werner, Carmen Krapf (both GSSA and GSA members) and Jonathan Irvine (GSSA), contains the latest sites listed on the South Australia Geoheritage webpage (Geological Society of Australia), including the iconic Nilpena Ediacaran Fossil Site and Cambrian archaeocyathid reef complexes in the Flinders Ranges. Complementary to the published map, an interactive map view of the locations and defined boundaries of all geoheritage sites is available via the South Australian Resources Information Gateway (SARIG) – go to ‘All Map Layers’, ‘Geological Monuments’. The map layer dataset can be downloaded in various digital formats including ESRI shape or database, MapInfo TAB and Google Earth KMZ files.

Download link: [Download the Geoheritage Sites South Australia map \(PDF 5.5 MB\)](#)

Christmas Cove sign update: Following a request by Chris Ward in 2019 about the potential of the replacement of the very faded sign that states “Christmas Cove” as a Geological Monument by the Geological Society of Australia” on Kangaroo Island, the SA GSA committee agreed to fund a new sign. The sign has been passed on to Chris Ward to organise the installation of it on Kangaroo Island, however, due to some unforeseen health issues, Chris was not yet able to get the sign over to proposed site.

Carmen Krapf is the SA representative on the National Geotourism Strategy Working Group 4 - Geoheritage Listing. In the last year the group met regularly and established a framework for the listing of geoheritage sites suitable for promotion as geotourism sites. Jason Bradbury, chair of the Group, is currently compiling a draft of the consultation report.

The SA GSA newsletter (compiled by Mario Werner) also now includes a new section on ‘Monthly Geoscience Adventures’ in which some of SA Geoheritage and Geotourism sites are featured. So far this included Murphy’s Haystacks, Point Brown, Gun Emplacement and Cape Bauer Loop.

GSA Geoheritage Subcommittee (South Australian Division) Report, May 2023

Current Subcommittee: Ian Lewis, Carmen Krapf, Bob Major

Convenor: Mario Werner

Carmen Krapf, Mario Werner and Ian Lewis replied to numerous enquiries from Industry, Academia and Government Organisations and gave professional advice about geoheritage sites as part of their government work duties.

A new interpretative sign has finally been erected at the Christmas Cove geoheritage site on Kangaroo Island.

Several members of the GSA SA Division are involved in the Flinders Ranges World Heritage Nomination. Impressions from a field trip to Brachina Gorge and semi-regular updates are included in our monthly newsletter.

Wolfgang Preiss is acknowledged for his contributions to Geoheritage-Geotourism. This includes his proposal for a ‘Crystal Lake’ Geoheritage/Geoeducation site and his recent alert about a development proposal at Rosetta Head with potential detrimental effects to the outcropping geology.

Clare Valley Rocks (CVR) Project: Mick Roche continues his collaboration with wineries of the Clare Valley. As the CVR webpage is now defunct, the CVR brochures and maps were transferred to the

GSA SA Division SA Geology Field Brochures website and are now accessible and downloadable again. A joint AusIMM-GSA CVR event including a wine tasting with Andrew Pikes (Pikes Wines) is scheduled for 11 May 2023.

SA's Walking Trails Support Group and their geological activities (development of geological brochures and mobile app) was featured in our newsletter (contact person is our member Margaret Beal).

In our GSA SA Division Newsletter (compiled by Mario Werner) we have successfully continued the 'Monthly Geoscience Adventure' section. In this we feature some of SA's geoheritage and geotourism sites.

GSA SA Div members Patrick James and Ian Lewis contributed articles to the Australian Geoparks Network Newsletter No 7 (April 2023).

Fleurieu Peninsula Geology Brochures created by Pat James include several designated geoheritage sites. Final versions of these brochures will also be added to our SA Geology Field Brochures website.

The GSA SA Division sponsored a Department of Environment and Water geoheritage project with \$5000 (Ian Lewis and Megan Thomas).

NSW

Convenor: Trudi Semeniuk

Little Bay Geoheritage Site has been listed by the National Trust (NSW)

Miocene sediments are rare in coastal New South Wales. First recognised in the 1980s, the Little Bay Shale outcropping in an abandoned quarry near Maroubra contains an outstanding assemblage of terrestrial plant and mangrove pollen and plant macro fossils along with dinoflagellates indicating an estuarine environment. As well as indicating a wetter and warmer environment during the Middle Miocene, the deposits provide information about the palaeogeography of the Botany Basin and suggest that at its time of deposition the sea level was of the order of 30 metres above the present.

Tasmania

Mike Vicary, at Mineral Resources Tasmania, has taken over from Clive Calver as GSA (TAS) Geoheritage representative. The Standing Committee thanks Clive for his work as the Geoheritage Representative and welcome Mike.

Fifteen new sites were nominated at the Geoconservation Working Group meeting in late 2022 and these have been accepted by the General Manager of NRE for inclusion on the Natural Values Atlas. The status of the Remarkable Banks Pleistocene Beach Ridge Complex was upgraded from State to Global significance based on recent studies by Ian Godwin.

A field trip to view potential new sites at Lagoon of Islands and near Tunbridge was held in February 2023.

Victoria

Geological Heritage Subcommittee Report April 2023

Report by Dr Susan White OAM

There have been limited issues raised this past 12 months. Although there were several enquiries in 2021-22 regarding potential advice to State government instrumentalities, these have not been followed up and no-one has been in contact regarding the development of Coastal and Marine Management Plans (CMMP) under the Coastal and Marine Act which is unfortunate.

There have been enquiries by consultants and details provided regarding the presence of sites registered on our data base for some development projects, in particular Parwan Cave, the Marinus Cable Project, Tamboon Inlet and the Ausnet Transmission Line project and several windfarms in western Victoria. This is a service that we can provide to consultants at very little effort.

The ongoing problems with the Koonwarra Fish Beds continue but GSA(V) appears to be excluded from any further consultation. I believe to a large extent the access to these beds is now not possible and they may be covered up. However, they have not been removed.

I continue to be a member of the DEECA Committee of Management (COM) of the Council Trench Geological Reserve at Bacchus Marsh. The COM organises a local geologically based display or activity for Earth Science Week. Last October there was a display and presentation in the Bacchus Marsh Library on Sites of geological and Geomorphological significance in the Bacchus Marsh area. Thanks to Bob Reid for organising this.

Site documentations and the database have continued to be updated. There is a need for updating the database software which I have been unable to find time to sort out and hope to do so shortly. We have over 2000 sites listed but there are about 500 sites that need to be added. We need to update the heritage material on the GSA(V) website.

Interest in appropriate use of the database for geotourism sites continues but slowly. This needs to be handled carefully as many interesting sites are not suitable either due to risks for the integrity of the site, risks to visitors, and the need for appropriate access. I have been appointed as the Victorian representative on two Working Groups (WG 4 & 5) of the Australian Geoscience Council's (AGC) National Geotourism Strategy as GSA(V) has no Geotourism Subcommittee.

Limited outreach has occurred this year with a short field excursion to the Coburg Lake volcanic sites with the *Nature Stewards* program.

The subcommittee is very small, and I thank those members of GSA and others who have helped this year. I have approached a few people regarding being involved but have had only limited success so far.

Western Australia

Convenor: Margaret Brocx

Due to COVID restrictions, my activities have been mainly confined to attending virtual meetings and providing advice, as a geoheritage specialist. This year my activities have again been divided between Geoheritage and Geotourism by representing GSAWA at the GSWA Geotourism Working Group.

As mentioned above, I have provided expert advice on Geoheritage Reporting to the DMIRS Geoheritage Group, and to Native Title holders in the Kimberley, nominating potential Australian Global Geosites to the IUCN IGCP Global Geosites Working Group, and both contributed to and disseminated information on the publication of the first IUCN WCPA Best Practice 'Guidelines for Geoconservation in Protected and Conserved Areas' (2020) [Best Practice Protected Area Guidelines Series No. 31. Gland, Switzerland: IUCN]. This publication is now also available in French, Portuguese, and in German. See: <https://doi.org/10.2305/IUCN.CH.2020.PAG.31.en>

I also organised and ran two workshops and a field excursion dealing with geoheritage values of the Claremont region and ran a public meeting/seminar on the geoheritage values of the Walpole-Nornalup estuary.

In 2022 three Australian Global Geosites submitted to the IUCN IGCP Global Geosites Working Group were accepted as Internationally significant sites, namely, Uluru (NT), Erawandoo (Jack Hills), the SA Ediacara fossil Site. They were included in the First 100 Geoheritage sites publication. The book can be downloaded for free at www.iugs-geoheritage.org. The IUCN IGCP Global Geosite webpage has been visited by more than 19,000 visitors from 158 different nations in the last 4 months. We are now starting to work on "The Second 100".

GSA Geotourism Standing Committee Report 28th April 2023

The priority for the GSA Geotourism Standing Committee (GSC) for the past 12 months or so, has been the Australian Inventory of Geotrails which feature near 100 geotrails in a flat-file table format. Each of the geotrails has a brief description together with a web-page link. It has been prepared in conjunction with the AGC National Geotourism Strategy (NGS) Goal 3 – Sustainable Geotrails and are published on both the GSA and AGC websites. Over the past few months the Chair and other committee members have been in consultation with Mark Williams, NGS Chair of Goal 1 – Install nationwide digital and hardcopy applications, to discuss how this Australian Inventory of Geotrails can be imported into a Digital Platform. Recently a Platform Schema and Roadmap / Wireframe has been developed and involves 'Tabs' of Geosites, Geotrails, Mining – Cultural Sites, GeoRegions and Domains. On the 'Roadmap' a Splash Page (info, logo, disclaimer etc), Main Home Page (Navigation), State / Territory etc has been formatted. MAJESmembers of the GSA GSC and the NGS Goal 3 Committee will now need to search or develop a 'Shape File' for each of the existing Geotrails so that each Geotrail can be imported into Arc GIS HUB.

During the year the GSC unanimously decided that we should have the words "sustainability" added to our GSA GSC 'mission' / 'guiding' statement. Subsequently the GSA Executive has approved the motion to accept the committee's recommendation that "Geotourism is sustainable tourism which focuses on an area's geology and landscape as the basis for providing visitor engagement, learning and enjoyment".

Recent publications in TAG has been an article on the Murchison GeoRegion of WA – Ancient Lands, Brilliant Skies. Through the Western Australia's Mid-West Development Commission (MWDC) seven shire councils have established WA's first major geotourism development on the Murchison GeoRegion of WA (<http://www.murchisongeoregion.com/>). Its ancient geology provides the ideal platform for unique, nature-based tourism experiences of global significance, particularly to the

‘experience seeker / dedicated discoverer’ market. The GeoRegion’s self-drive trail visits 21 sites of national and international, natural and cultural significance.

Another publication has been on the Ku-ring-gai GeoRegion (KGR) project in the northern suburbs of Sydney, which is being driven by a Steering Committee that includes several past and present members of the GSC. The project team has identified several interesting geosites that have a cohesive geological/landscape story in places that were already known, easily and safely accessed, and frequently visited. It’s in a working partnership with the NSW National Parks and Wildlife Service and the three local government agencies (Hornsby, Ku-ring-gai and Northern Beaches). The project’s Geotrail Working Group is at an advanced stage in preparing geotrail guide notes (text and pictures) for the localities of Barrenjoey Headland, Browns Field, and Long Reef with others in the pipeline.

Yet another recent publication describes the geology and landscape along the disused Railway Reserve Heritage Geotrail, in John Forrest National Park that is located on the Darling Scarp about 22 km east of Perth. It forms the boundary between the sand-covered Swan Coastal Plain that Perth sits upon and the Darling Range, which is underlain by old rocks of the western Yilgan Craton. There are many walking tracks within the national park, and maps are available online from the Parks and Wildlife website showing these routes ([parks.dpaw.wa.gov.au/park/John Forrest](https://parks.dpaw.wa.gov.au/park/John%20Forrest)). The geotrail walks are described in a booklet is now a heritage route, converted from the former main east–west train line, and features granite outcrops formed about 2.6 billion years ago and dolerite outcrops formed around 1.2 billion years ago. It follows the valley of Jane Brook and, being a former railway line, has very gentle gradients and is suitable for bikes, prams and strollers.

The March 2023 TAG article featured “Follow in the Footsteps of Giants - Outback Queensland Dinosaur Geotrails” – it offers a range of unique experiences not available anywhere else in the world, let alone Australia. The world-renowned outback triangle links the towns of Winton, Hughenden, and Richmond is the home to some of the world’s best preserved dinosaur fossils.

The next TAG article will cover Tasmania’s North West Coast - Wonders of the Wynyard Geotrail. It’s Tasmania’s newest geotrail has been developed area by the Wynyard – Waratah Council along the north-west coast in the vicinity of the township of Wynyard. This area has been the subject of prolonged geological interest with local highlights including an extinct volcanic centre at Table Cape and world class coastal exposures of fossiliferous shallow marine Tertiary sediments – first identified in 1840 by the renowned geologist/explorer Sir Paul Strzelecki - and underlying Carboniferous glacial tillites and rhythmites. The trail consists of nine established interpretative sites, each with its own geotrail signage, ample parking, and good accessibility.

Geotrails continue to be listed and Geotrails Around Capital Cities are in the process of being compiled.

David Robson

Chair, GSA Geotourism Standing Committee

Draft Motion: The Annual General Meeting of the Geological Society of Australia accepts the Reports from the Divisions, Specialist Groups and Standing Committees.

Moved: Peter Betts

Seconded:

After the motion has been seconded a poll will appear on the screen to enable you to vote.

Yes

No

AGENDA ITEM 11: AESC UPDATE

<https://aesc2023.com.au/>

Australian Earth Sciences Convention 2023

27- 30 June 2023

Perth Convention and Exhibition Centre

AGENDA ITEM 12: OTHER BUSINESS

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

ANNUAL REPORT - 31 DECEMBER 2022

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

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GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

HONORARY TREASURER'S ANNUAL REPORT FOR 2022

Financial Statement for the year ended 31st December 2022.

The Financial Statements and Treasurer's Report of the year ending 31st December 2022 have been prepared and audited and will be presented at the Geological Society of Australia Inc. (GSA) Annual General Meeting to be held on Thursday, 25 May 2023 online. This report presents a brief analysis of the Society's financial position and should be read in conjunction with the GSA Audited Financial Report.

Consolidated Financial Reports

The Geological Society of Australia Inc. (ABN 93 652 757 443) is a legal entity registered in the Australia Capital Territory and as such the Society is required to produce annual Financial Reports for the Registrar General, Canberra. The Society is a charity under the Australian Charities and Not-for-Profits Commission Act 2012, Pursuant to statutory provisions for organisations, the Society has a single Australian Business Number (ABN) and be registered for the Goods and Services (GST). The Society is required to prepare reports for the Australian Charities and Not-for-Profits Commission.

In 2011, under advice from the Auditor, the Society introduced a consolidated financial reporting model whereby the Divisions, Branches and Specialist Groups had control over their individual finances and at the same time, the Society would meet its legal obligations by reporting on all financial transactions undertaken by the GSA. This arrangement relies heavily on all the Divisions and Specialist Groups providing the Society's Business Office with all financial information in a timely manner. For some parts of the GSA this continues to be problematic, some 10 years after the introduction of the model. As a result, with the support of GSA Governing Council, the GSA Business Office introduced consolidated banking where Divisions and Specialist Groups funds are held in one bank account and are separately administered by the Business Office. Under this model, the Business Office administers the bank account but the Divisions and Specialist Group funds are accounted for separately and reported on a monthly basis to the respective Treasurers of the Divisions and Specialist Groups. At the end of 2022, a small number of groups have yet to finalise the move across to consolidated banking and one more group has almost completed the process.

Financial Standing

At December 31, 2022 total consolidated net assets of the Society (see Statement of Financial Position/Total Equity) stood at \$3,624,918, a decrease of \$239,715 compared to 31 December 2021 Total Equity of \$3,864,633 which is a 6.51% decrease.

Of the Society's total net assets at the end of 2022, \$832,841 (23%) was attributable to the Business Office. The combined Divisions accounted for \$1,328,021 (36%) and the Specialist Groups \$1,509,284 (41%). Refer to Table 1 over the overview and Tables, 2 and 3 for detailed breakdowns.

Table 1: GSA Asset breakdown @ 31 December 2022

	Total GSA	GSA Business office	Total Divisions	Total Specialist Groups
2022 Year-End \$amount	\$3,624,919	\$832,841	\$1,328,021	\$1,509,284
2022 % Percentage of the whole	100%	23%	36 %	41%
2021 Year-End \$amount	\$3,864,633	\$958,550	\$1,410,851	\$1,495,226
2021 % Percentage of the whole	100%	24.80%	36.51%	38.69%
2020 Year-End \$amount	\$3,628,296	\$933,837	\$1,210,076	\$1,529,611
2020 Year-End % Percentage of the whole	100%	25.74%	33.35%	42.16%

Table 2: GSA Division Asset breakdown from 31 December 2019 to 31 December 2022

Division	31 December 2022 \$Amount	31 December 2021 \$Amount	31 December 2020 \$Amount	31 December 2019 \$Amount
Australian Capital Territory	\$22,850	\$20,298	\$18,009	\$16,170
New South Wales	\$35,881	\$35,501	\$32,327	\$29,740
Northern Territory	\$10,225	\$8,219	\$7,694	\$3,152
Queensland	\$188,321	\$199,703	\$154,879	\$159,889
South Australia	\$143,774	\$176,000	\$143,966	\$143,740
Tasmania	\$141,760	\$154,478	\$134,473	\$134,102
Victoria	\$657,741	\$669,329	\$603,489	\$593,711
Western Australia	\$120,734	\$140,638	\$109,002	\$107,939
Hunter Valley Branch	\$6,735	\$6,685	\$6,238	\$5,989

Table 3: GSA Specialist Group Asset breakdown from 31 December 2019 to 31 December 2022

Specialist Groups	31 December 2022 \$Amount	31 December 2021 \$Amount	31 December 2020 \$Amount	31 December 2019 \$Amount
Australasian Paleontologists (AAP)	\$394,360	\$390,746	\$508,509	\$496,048
Australian Regolith Geoscientists Alliance (ARGA)	\$29,473	\$29,076	\$28,821	\$111
Australian Sedimentology Group (ASG)	\$221,724	\$240,237	\$211,121	\$220,516
Bowen Basin Geologists Group	\$71,391	\$0	\$13,870	\$6,238
Coal Geology Group (CGG)	\$249,198	\$247,860	\$246,567	\$244,270
Coalfield Geology Council of NSW	\$93,318	\$103,668	\$87,285	\$74,610
Environment Engineering & Hydrogeology Specialist Group (EEHSG)	\$123,085	\$136,055	\$135,473	\$134,321
Earth Sciences History Group (ESHG)	\$11,066	\$10,333	\$9,575	\$8,695
Geoscience Indigenous Collaboration & Engagement (GICE)	\$80	-	-	-
Specialist Group in Volcanology (LAVA)	\$8,590	\$8,151	\$8,306	\$7,480
Education & Outreach Specialist Group (EOSG) Formerly Specialist Group in Education (SGE)*	\$6,278	\$6,871	\$6,411	\$6,160
Specialist Group in Economic Geology (SGEG)	\$119,929	\$135,806	\$107,787	\$108,062
Specialist Group in Geochemistry, Mineralogy & Petrology (SGGMP)	\$21,967	\$16,412	\$15,256	\$14,074
Specialist Group in Planetary Geoscience (SGPG)	\$4,917	\$4,639	\$4,445	\$4,175
Specialist Group in Solid Earth Geophysics (SGSEG) – this group is resting and the funds retain the name of SGSEG.	\$43,437	\$50,754	\$48,645	\$48,019
Specialist Group in Tectonics & Structural Geology (SGTSG)	\$110,469	\$114,612	\$111,410	\$117,210

More than half of the Society's consolidated assets are held in the GSA Central Investment Platform (CIP), managed by the Shadforth Financial Group (SFG). The brief for SFG is to create a diversified investment portfolio that balances the need for a not-for-profit society such as the GSA to avoid high risk investments, with a direction to continue to grow our asset base.

The Finance and Risk Committee has oversight for investment decisions.

As of December 31, 2022, the value of the GSA Central Investment Platform was \$1,830,606 compared to December 31, 2021 when it was \$2,023,557 and compared to \$1,757,287 for 31 December 2020.

Allowing for drawdowns, the GSA and the majority of Divisions and Specialist Groups experienced a decrease in the value of their Assets on the investment platform.

Table 4:

	2022 \$ Value	2022 %	2021 \$ Value	2021 %	2020 \$ Value	2020 %	2019 \$ Value	2019 %
Total	\$1,830,60.29	% Share	\$2,023,556.73	% Share	\$1,757,286.57	% Share	\$1,745,042	% Share
GSA – Business Office	\$954,926.73	52.165%	\$1,185,164.82	58.568%	\$1,070,132.70	60.897%	\$1,072,540.07	61.462%
Australian Sedimentology Group / ASG	\$118,644.20	6.481%	\$129,139.66	6.3818%	\$113,223.26	6.443%	\$113,477.97	6.5029%
Australasian Palaeontologists / AAP	\$68,788.10	3.758%	\$74,873.21	3.700%	\$65,645.12	3.736%	\$65,792.80	3.770%
Coalfield Geology Council of NSW / CGC-NSW	\$50,212.16	2.743%	\$54,654.01	2.701%	\$47,917.93	2.727%	\$31,827.97	1.824%
Queensland Division	\$102,752.41	5.613%	\$111,842.05	5.527%	\$98,057.58	5.580%	\$98,278.17	5.632%
South Australia Division	\$105,788.58	5.779%	\$136,442.41	6.743%	\$119,625.95	6.807%	\$119,895.06	6.871%
Specialist Group in Economic Geology / SGEG	\$96,839.73	5.290%	\$105,406.33	5.209%	\$92,415.05	5.259%	\$92,622.95	5.308%
Specialist Group in Tectonics & Structural Geology / SGTSG	\$2,642.59	0.144%	\$2,876.36	0.142%	\$2,521.85	0.144%	\$2,527.52	0.145%
Tasmania Division	\$58,577.69	3.200%	\$63,759.57	3.151%	\$55,901.24	3.181%	\$56,026.99	3.211%
Western Australia Division	\$92,355.90	5.045%	\$104,757.15	5.177%	\$91,845.89	5.227%	\$92,052.50	5.275%
Specialist Group in Solid Earth Geophysics (SGSEG)**	\$44,463.41	2.439%	\$48,592.64	2.401%	-	-	-	-
Education & Outreach Specialist Group (EOSG) Formerly Specialist Group in Education (SGE)**	\$5,556.94	0.304%	\$6,048.52	0.299%	-	-	-	-
Environment, Engineering & Hydrogeology Specialist Group (EEHSG) this group is resting, but the assets remain with the group	\$128,877.77	7.040%	-	-	-	-	-	-

**SGSEG and EOSG moved onto the platform late 2021.

Operating Position

In 2022, the Society recorded a consolidated loss of \$236,715 with the Business Office recording a loss of \$170,938 the Divisions a loss of \$82,834 and the Specialist Groups a profit of \$14,057.

For comparison in 2021, the Society recorded a consolidated profit of \$236,337 with the Business Office recording a profit of \$69,942, the Divisions a profit of \$200,779 and the Specialist Groups a loss of \$34,384.

For comparison in 2020, the Society recorded a consolidated profit of \$26,265 with the Business Office recording a loss of \$6,341, the Divisions a profit of \$15,644 and the Specialist Groups a profit of \$16,962.

For further comparison in 2019, the last non-covid effected year, the Society recorded a consolidated profit of \$354,159 with the Business Office recording a profit of \$87,436, the Divisions a profit of \$164,680 and the Specialist Groups a profit of \$102,043. The operating profit for the Business Office was due to realised gains on investments of \$2,800, unrealised gains on investments of \$98,669 demonstrating the impacts of strong capital growth in the investment platform compared to weak gains.

Despite falling membership, the Society has a healthy asset base, underpinned by the Central Investment Platform.

Table 5: Consolidated Net Income Summary 2014 – 2022

Year	Total Net Income	Business Office	Divisions	Specialist Groups
2022	\$412,040	\$256,943	(\$14,007)	\$170,596
2021	\$947,160	*\$525,611	\$260,992	\$160,557
2020	\$603,425	**\$478,242	\$55,784	\$69,399
2019	\$1,031,082	\$573,820	\$259,144	\$198,118
2018	\$550,453	\$385,612	\$66,380	\$98,461
2017	\$714,380	\$514,653	\$138,950	\$60,777
2016	\$772,200	\$529,255	\$140,488	\$102,457
2015	\$757,432	\$557,342	\$109,464	\$90,324
2014	\$807,918	\$572,014	\$129,575	\$106,329

*2021 Income includes \$55,192 NSW Government Grants and Stimulus Subsidies

**2020 Income includes \$34,516 Cashboost Stimulus.

Net Income for 2022 was lower in comparison to 2021 and 2020. 2022 saw reduced returns on investments and lower Royalty income. A summary of significant sources of 2022, 2021 and 2020 income is presented in Table 6.

For 2022, membership fees (80%), royalty and journal income (30.54%) and interest and investment gains (-47%) contributed to the majority of Business Office revenue.

Contrasting to: 2021, membership fees (38.5%), royalty and journal income (21.8%) and interest and investment gains (23.67%) contributed to the majority of Business Office revenue.

2020: membership fees (44.47%), royalty and journal income (30.18%) and interest and investment gains (2.26%) contributed the bulk of Business Office revenue.

Table 6: Summary of Significant Sources of Income for GSA for 2022, 2021 and 2020

	2022 Business Office	2022 Divisions	2022 Specialist Groups	2021 Business Office	2021 Divisions	2021 Specialist Groups	2020 Business Office	2020 Divisions	2020 Specialist Groups
Royalty Income & Journals*	\$91,113	-	\$12,311	\$116,783	-	\$29,518	\$144,316	\$1,543	\$31,397
Interest and Investment **	(\$122,326)	(\$248,178)	(\$97,497)	\$124,427.90	\$194,513	\$105,231	\$10,814	\$7,914	\$18,187
Membership Fees	\$206,182	\$19,560	\$11,423	\$206,412	\$19,905	\$11,171	\$212,658	\$20,025	\$13,662
Publication Sales***	\$190	\$24,195	\$2,165	\$2,452	\$31,186	\$1,321	\$21	\$14,547	\$1,381
Conference Surplus/ Event Income	-	\$17,367	\$146,149	\$4,511	\$7,337	\$315	-	\$11,755	\$711
Sponsorship	\$750	\$1,128	\$6,636	-	\$2613	\$12,000	-	-	-
Other	\$12,071	\$940	\$15,000	\$15,833	\$5,436.83	\$1,000	\$7,003	-	\$4,061
Jobkeeper****	-	-	-	-	-	-	68,914	-	-
Cashboost Stimulus & NSW Stimulus Subsidies****	-	-	-	\$55,192	-	-	34,516	-	-
Total Income	\$256,311	(\$14,007)	\$169,104	\$535,611	\$260,992.36	\$160,557	\$478,242*	\$55,784	\$69,399

Figures in (parentheses) are negative

*Royalty Income & Journals is lower in 2022 and 2021 due to decreased sales and subscriptions in the northern hemisphere market. This will be an ongoing trend.

**Based on Unrealised Investments, for 2022 these are Unrealised Losses.

***Historically this has been publications, but for 2018-2021, it also includes Queensland Division Rock sets.

**** Cashboost Stimulus & NSW Stimulus Subsidies provided strong financial benefit to the GSA in 2020 and 2021.

Membership and Fees

A summary of GSA membership numbers and membership income from 2009 to 2022 is presented in Table 7.

With the exception of an increase in 2012, likely related to discounted registration for the Brisbane IGC, total membership of the GSA has been declining steadily for the past ten+ years, with 2022 membership of 1642 some 693 lower than the 2009 membership of 2335, a drop of 30%. This loss of members is due primarily to a decline of 666 in the number of full members from 2009 to 2022. Over the same period, the number of retired members, has risen from 355 to 441. These members now represent 26.8% of GSA's total membership, compared to 15.2% in 2009. As our demographic (and indeed the Australian population at large) ages, it is likely that the number of retired members will continue to increase in coming years.

A significant stepwise increase in membership fees (particularly for full members) over 2012, 2013 and 2015 mitigated the financial impact of the drop in membership on GSA, with revenues from membership jumping sharply in 2012 and remaining approximately constant over the period from 2012 to 2015. However, it was not feasible to continue to rapidly increase fees for 2016 and

consequently membership revenue declined sharply, in response to the continued fall in membership. Although we have a strong asset base, it is clear that the Society needs increase its membership base in order to remain financially viable in the longer term. Additionally, if the GSA continues to shrink, its relevance as a Learned Society must be questioned.

Table 7: Membership and Membership Income 2009 – 2022

Year	Total Member	Member Fees	Retired Member	Full Member	Joint	Graduate	Student	Life	Teacher 2020-21 was Associate	Honorary	Affiliate	Company
2022	1,642	\$206,182	441 (26.86)	897 (54.45)	6 (0.37)	60 (3.65)	225 (13.70)	2 (0.30)	3 (0.18)	7 (0.49)	-	5 (0.30)
2021	1,656	\$206,412	442 (26.77)	915 (55.42)	6 (0.36)	48 (2.91)	229 (13.87)	2 (0.12)	2 (0.12)	7 (0.42)	-	5 (0.30)
2020	1,693	\$245,963	430 (25.39)	924 (54.57)	12 (0.71)	67 (3.95)	238 (14.05)	3 (0.17)	-	13 (0.77)	-	6 (0.35)
2019	1,715	\$246,436	438 (25.54)	947 (55.22)	13 (0.76)	55 (3.21)	240 (13.99)	3 (0.17)	2 (0.12)	11 (0.64)	-	6 (0.35)
2018	1,683	\$256,754	412 (24.5)	955 (56.7)	13 (0.7)	61 (3.6)	223 (13.25)	3 (0.1)	2 (0.11)	14 (0.8)	-	6 (0.3)
2017	1,720	\$293,367	400 (23.3)	995 (58.1)	14 (1.0)	41 (2.3)	209 (12.5)	2 (0.1)	35 (2.0)	15	-	6
2016	1,708	\$264,285	378 (21.1)	998 (58.4)	17 (1.0)	32 (1.9)	248 (14.5)	2 (0.1)	27 (1.6)	-(0.0)	-	6 (0.4)
2015	1,779	\$293,367	376 (21.1)	1129 (63.5)	18 (1.0)	20 (1.1)	179 (10.1)	2 (0.1)	30 (1.67)	-(0.0)	-	10 (0.6)
2014	1,972	\$356,570	430 (21.8)	1193 (60.5)	20 (1.0)	23 (1.2)	241 (12.2)	3 (0.2)	35 (1.8)	16 (0.8)	-	11 (0.6)
2013	2,028	\$353,644	347 (17.1)	1341 (66.1)	12 (0.6)	23 (1.1)	254 (12.5)	3 (0.1)	20 (1.0)	15 (0.7)	10 (0.5)	3 (0.1)
2012	2,295	\$347,620	393 (17.1)	1470 (64.1)	20 (0.9)	61 (2.7)	281 (12.2)	3 (0.1)	35 (1.5)	20 (0.9)	4 (0.2)	8 (0.3)
2011	2,204	\$266,855	358 (16.2)	1445 (65.6)	23 (1.0)	56 (2.5)	239 (10.8)	3 (0.1)	42 (1.9)	20 (0.9)	5 (0.2)	13 (0.6)
2010	2,241	\$266,562	363 (16.2)	1458 (65.1)	23 (1.0)	56 (2.5)	257 (11.5)	3 (0.1)	42 (1.9)	20 (0.9)	6 (0.3)	13 (0.6)
2009	2,335	\$278,299	355 (15.2)	1563 (66.9)	29 (1.2)	15 (0.6)	247 (10.6)	3 (0.1)	45 (1.9)	20 (0.9)	8 (0.3)	50 (2.1)

(%) – Membership category as percentage of total membership

* Affiliate memberships are no longer offered by GSA.

Consolidated Expenditure (2022)

Consolidated GSA Expenditure for 2022 was \$645,333 compared to \$610,172 for 2021. A full summary of Expenditure for the years 2015-2022 is listed in Table 8.

Overall, for Divisions and Specialist Groups the main expenditures continue to be conference-related, printing costs, sponsorship, prizes and geoscience initiatives. In 2022 and 2021 expenses for the Divisions and Specialist Groups were higher due to scheduled conferences.

Table 8: Summary of Consolidated Expenditure for GSA

Year	Total GSA	Business Office	Divisions	Specialist Groups
2022	\$645,333	\$427,249	\$61,545	\$156,539
2021	\$610,172	\$455,615	\$71,638	\$82,918
2020	\$558,269	\$484,243	\$35,684	\$38,342
2019	\$671,533	\$485,659	\$84,127	\$101,747
2018	\$615,071	\$513,768	\$81,991	\$19,312
2017	\$694,827	\$591,344	\$60,984	\$42,499
2016	\$749,101	\$598,200	\$120,749	\$30,152
2015	\$613,723	\$500,275	\$66,913	\$46,535

Reserve Movements

The GSA has historically held a number of purpose-specific reserve accounts. During 2016 and under advice from the Auditor, the funds in all reserve accounts, other than the Stillwell bequest reserve, were moved to the GSA's retained surplus and the reserve accounts were closed.

Conclusions

The GSA remains in a strong financial position, with an investment portfolio underpinning an asset base of in excess of \$3 million. However, the GSA Business Office and therefore the Society, has run an underlying operating deficit for eight of the last nine years. The exception to this when there has been strong growth in investments, either as unrealised or realised gains. For example, in 2019 the GSA Business Office showed a profit of \$87,436 that was due to unrealised gains on investments. This deficit is fundamentally a result of declining and changing membership demographics referred to earlier in the Membership and Fees section in this report. The reduced uptake of Journal subscriptions across the globe, particularly in North America is also contributing to reduced income. The attrition on North American subscriptions is a continuing trend.

Due to a desire to receive greater returns and having been with Shadforth since 2009, the Finance and Risk Committee has recommended to the Governing Council that the Society put the Investment Management out for tender to test the market. Some larger expenses were associated with the CEO leaving and the payment of Long-Service and Annual Leave. For some time, the Governing Council has struggled with reduced revenue for the Society and the Business Office has tried to reduce expenses where possible, while still maintaining a physical office. The Governing Council therefore determined it was time to move to an association management company and no longer maintain a physical office.

The circumstances of 2021 and 2020 have exasperated this operating deficit, fewer profitable initiatives were held, sales and subscriptions of publications and journals decreased and most significantly, member renewals and new member joins continue to fall. Since 2016, the GSA Governing Council has implemented several initiatives aimed at addressing the membership issues and 'value-adding' to the members' experience. These initiatives have involved some additional Business Office resources and will likely continue to do so for some time. Despite these initiatives, membership has continued to decline, without a significant uptick in member numbers and strong

profitable activities, the Society is likely to continue to operate at a loss, which is untenable in the long-term.

Ultimately, the success of strong and profitable initiatives, such as workshops, field trips and short 1-day symposia, is what will drive an increase in the overall revenue for the Society. For initiatives to be successful, volunteers need to champion them. The GSA Business Office provides wonderful support for initiatives, but they are not subject matter experts. As the Society transitions governance through an association management company, the reliance on the corporate knowledge of the Business Office cannot be relied upon. The Society's members are the experts and have a history of organising and running successful initiatives. The benefits of volunteering your time are greater than those for the Society. If you have an idea for an initiative and see that there is a need for it, please reach out to me or the President, we would love to hear your ideas.

Verity Normington
Honorary Treasurer
May 25, 2023

This report is made in accordance with a resolution of the committee and is signed for and on behalf of the committee.

On behalf of the committee

The image shows two handwritten signatures in blue ink. The first signature, on the left, is 'Peter Betts' and the second, on the right, is 'Verity Normington'. Both signatures are written in a cursive, flowing style.

Officers _____
Peter Betts

_____ Verity Normington

Dated this 25th day of May 2023

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED 31 DECEMBER 2022

	Notes	2022 \$	2021 \$
Revenue	4	412,040	947,161
Expenses			
Cost of sales		(99,892)	(231,969)
Employee benefit expenses	5(a)	(118,055)	(170,430)
Depreciation and amortisation expenses		(353)	(555)
Conference expenses	5(b)	(35,452)	(42,312)
Grants paid		(19,560)	(19,905)
Other expenses		<u>(378,443)</u>	<u>(245,653)</u>
Surplus/(deficit) before income tax expense		(239,715)	236,337
Income tax expense		<u>-</u>	<u>-</u>
Surplus after income tax expense for the year		<u>(239,715)</u>	<u>236,337</u>
Other comprehensive income for the year, net of tax		<u>-</u>	<u>-</u>
Total comprehensive income for the year		<u><u>(239,715)</u></u>	<u><u>236,337</u></u>

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

STATEMENT OF FINANCIAL POSITION
AS AT 31 DECEMBER 2022

	Notes	2022 \$	2021 \$
Assets			
Current Assets			
Cash and cash equivalents	6	1,160,347	1,054,160
Trade and other receivables	7	79,448	156,551
Inventories	8	112,677	119,099
Other investments	9	2,444,215	2,661,377
Other assets	10	<u>45,795</u>	<u>121,947</u>
Total Current Assets		<u>3,842,482</u>	<u>4,113,134</u>
Non-Current Assets			
Property, plant and equipment	11	<u>718</u>	<u>1,071</u>
Total Non-Current Assets		<u>718</u>	<u>1,071</u>
Total Assets		<u>3,843,200</u>	<u>4,114,205</u>
Liabilities			
Current Liabilities			
Trade and other payables	12	95,063	91,736
Provisions	13	12,599	47,017
Other liabilities	14	<u>105,070</u>	<u>106,686</u>
Total Current Liabilities		<u>212,732</u>	<u>245,439</u>
Non-Current Liabilities			
Provisions	13	<u>5,550</u>	<u>4,133</u>
Total Non-Current Liabilities		<u>5,550</u>	<u>4,133</u>
Total Liabilities		<u>218,282</u>	<u>249,572</u>
Net Assets		<u>3,624,918</u>	<u>3,864,633</u>
Equity			
Reserves	15	2,230	2,230
Retained surpluses	16	<u>3,622,688</u>	<u>3,862,403</u>
Total Equity		<u>3,624,918</u>	<u>3,864,633</u>

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

STATEMENT OF CHANGES IN EQUITY
FOR THE YEAR ENDED 31 DECEMBER 2022

	Reserves	Retained surpluses	Total Equity
	\$	\$	\$
Balance at 1 January 2021	2,230	3,626,066	3,628,296
Other comprehensive income for the year; net of tax	-	-	-
Contribution by Australian Regolith Geoscientists Alliance	-	-	-
Surplus/(deficit) after income tax expense for the year	-	236,337	236,337
Total comprehensive income for the year	-	236,337	236,337
Movement in equity reserves	-	-	-
Balance at 31 December 2021	2,230	3,862,403	3,864,633
	Reserves	Retained surpluses	Total Equity
	\$	\$	\$
Balance at 1 January 2022	2,230	3,862,403	3,864,633
Other comprehensive income for the year; net of tax	-	-	-
Contribution by Australian Regolith Geoscientists Alliance	-	-	-
Surplus/(deficit) after income tax expense for the year	-	(239,715)	(239,715)
Total comprehensive income for the year	-	(239,715)	(239,715)
Movement in equity reserves	-	-	-
Balance at 31 December 2022	2,230	3,622,688	3,624,918

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2022

	Notes	2022 \$	2021 \$
Cash Flow From Operating Activities			
Receipts from members		235,549	245,719
Other revenue received		50,324	22,647
Receipts from sale of publications and AJES		18,617	39,806
Royalty income		103,424	134,354
Conference surplus		146,269	4,511
Sponsorship income		8,514	14,614
Payments to suppliers and employees		(521,400)	(743,344)
Dividends & Distributions received		109,401	70,022
Events		62,894	7,653
JobSaver/JobKeeper		-	55,192
Sales		30,635	34,960
Interest received		<u>3,573</u>	<u>3,940</u>
Net cash provided by/(used in) operating activities	21	<u>247,800</u>	<u>(109,926)</u>
Cash Flow From Investing Activities			
Proceeds from sale of investments		261,381	247,686
Payment for investments		(402,994)	(238,354)
Payment for property, plant and equipment		-	-
Net cash provided by/(used in) investing activities		<u>(141,613)</u>	<u>9,332</u>
Cash Flow From Financing Activities			
Contributions by Australian Regolith Geoscientists Alliance		-	-
Net cash provided by/(used in) financing activities		-	-
Net increase/(decrease) in cash and cash equivalents		106,187	(100,594)
Cash and cash equivalents at the beginning of the financial year		<u>1,054,160</u>	<u>1,154,754</u>
Cash and cash equivalents at the end of the financial year	6	<u><u>1,160,347</u></u>	<u><u>1,054,160</u></u>

Note: Statement of cash flows is presented using cash basis of accounting and statement of comprehensive income is presented using accrual basis of accounting. Hence, the amounts presented in these statements are not directly comparable.

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

NOTES TO THE FINANCIAL STATEMENTS
31 DECEMBER 2022

Note 1: Significant Accounting Policies

The principal accounting policies adopted in the preparation of the financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

New, revised or amending Accounting Standards and Interpretations adopted

The incorporated association has adopted all of the new, revised or amending Accounting Standards and Interpretations issued by the Australian Accounting Standards Board ('AASB') that are mandatory for the current reporting period.

Any new, revised or amending Accounting Standards or Interpretations that are not yet mandatory have not been early adopted.

Basis of preparation

In the officers' opinion the incorporated association is not a reporting entity because there are no users dependent on general purpose financial statements.

These are special purpose financial statements that have been prepared for the purpose of complying with the Associations Incorporation Act 1991 of the Australian Capital Territory requirements to prepare and distribute financial statements to the members of Geological Society of Australia Incorporated. The officers have determined that the accounting policies adopted are appropriate to meet the needs of the members of Geological Society of Australia Incorporated.

These financial statements have been prepared in accordance with the recognition and measurement requirements specified by the Australian Accounting Standards and Interpretations issued by the Australian Accounting Standards Board ('AASB') and the disclosure requirements of AASB 101 'Presentation of Financial Statements', AASB 107 'Statement of Cash Flows', AASB 108 'Accounting Policies, Changes in Accounting Estimates and Errors', AASB 1031 'Materiality', AASB 1048 'Interpretation and Application of Standards' and AASB 1054 'Australian Additional Disclosures', as appropriate for not for profit oriented entities. These financial statements do not conform to International Financial Reporting Standards as issued by the International Accounting Standards Board ('IASB').

Historical cost convention

The financial statements have been prepared on an accrual basis and are based on historical costs unless otherwise stated in the notes.

Critical accounting estimates

The preparation of the financial statements requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the incorporated association's accounting policies. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements are disclosed in note 2.

Principles of consolidation

Geological Society of Australia Incorporated has received legal advice in respect of Divisions and Specialist Groups which states that the Divisions and Specialist Groups form part of the legal entity of Geological Society of Australia Incorporated. The financial statements incorporate the assets and liabilities of all the divisions and specialist groups of Geological Society of Australia Incorporated ('incorporated association') as at 31 December 2022 and 31 December 2021.

Intercompany transactions, balances and unrealised gains on transactions between the incorporated association and divisions and specialist groups are eliminated for the year ended 31 December 2022 and 31 December 2021.

The accounting policies that have been adopted in the preparation of this report are as follows:

Accounting Policies

(a) Income Tax

No provision for income tax has been raised as the incorporated association is exempt from income tax under Division 50 of the Income Tax Assessment Act 1997.

(b) Unearned Revenue

Membership subscriptions received in advance will be brought to account in the applicable financial year for which the member has paid.

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

NOTES TO THE FINANCIAL STATEMENTS
31 DECEMBER 2022

Note 1: Significant Accounting Policies (Continued)

(c) Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, deposits held at-call with banks, and cash at bank. Cash held by Investment Advisor for future purchase of investments has not been included in cash and cash equivalents but rather as investments.

(d) Trade and Other Payables

Trade and other payables represent the liability outstanding at the end of the reporting period for goods and services received by the incorporated association during the reporting period which remains unpaid. The balance is recognised as a current liability with the amount being normally paid within 30 days of recognition of the liability.

(e) Revenue

Revenue recognition relating to the receipt of member subscriptions is determined with reference to the year for which the subscription has been received. Interest revenue is recognised when received. Dividend revenue is recognised when received. Trust distribution revenue is recognised when the right to receive the distribution has been established. Other revenue is recognised when the right to receive the revenue has been established. All revenue is stated net of the amount of goods and services tax (GST).

(f) Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of associated GST, unless the GST incurred is not recoverable from the tax authority. In this case it is recognised as part of the cost of acquisition of the asset or as part of the expense. Receivables and payables are stated inclusive of the amount of GST receivable or payable. Cash flows are presented on a gross basis. The GST components of cash flows arising from investing or financing activities, which are recoverable from, or payable to, the tax authority, are presented as operating cash flows.

(g) Property, Plant & Equipment

Plant and equipment is stated at historical cost less accumulated depreciation and impairment. Historical cost includes expenditure that is directly attributable to the acquisition of the items. The depreciable amount of all property, plant and equipment are depreciated over their useful lives to the incorporated association commencing from the time the asset was held ready to use.

(h) Employee benefits

Annual leave and long service leave

Provision is made for the incorporated association's liability for employee benefits arising from services rendered by employees to the end of the reporting period. Employee benefits have been measured at the amounts expected to be paid when the liability is settled, plus related on-costs.

Note 2: Critical Accounting Judgements, Estimates and Assumptions

The preparation of the financial statements requires management to make judgements, estimates and assumptions that affect the reported amounts in the financial statements. Management continually evaluates its judgements and estimates in relation to assets, liabilities, contingent liabilities, revenue and expenses. Management bases its judgements, estimates and assumptions on historical experience and on other various factors, including expectations of future events; management believes to be reasonable under the circumstances. There are no critical accounting judgements, estimates and assumptions that are likely to affect the current or future financial years.

Note 3: COVID-19 Impact

The impact of COVID saw the cancellation of face-to-face Society meetings, technical talks and workshops in 2020 and 2021. To minimise reduced member connection at events, the GSA introduced twice-weekly geoscience content online; moved talks to online platforms and implemented a fortnightly afternoon tea online discussion group to keep members engaged. Divisions were encouraged to hold regular meetings online to maintain engagement with the members. More than 80% of members had renewed before COVID impacted on the GSA. A number of fully virtual events and some hybrid (face-to-face and online) talks, as well as introducing online monthly GSA Geoscience Lectures were run to assist in continued member interaction during 2020 and 2021. The new members joining at GSA events steeply reduced in 2020 and 2021 and trend continued in 2022. A number of reactivation campaigns for lapsed members and / or journal authors and event speakers were held in 2020, 2021 and 2022.

Revenue is lower for 2022, compared to 2021 and 2020 when the Job-keeper scheme was included in revenue. There has been limited COVID impact on service supply as 90% of GSA member services are cloud-based and staff were able to access the majority of systems remotely. To enable staff to work remotely, new software was purchased through subscriptions and new processes developed. The biggest risk for the GSA was the Australian Earth Sciences Convention (AESC) held in February 2021 as online event. A number of options were explored including postponing to 2022 and cancelling, but eventually the AESC was held online as a fully virtual

conference in February 2021. Ordinarily we would have received a revenue spike from the AESC, but that wasn't the case. The next face-to-face AESC is scheduled for winter 2023 in Perth.

AESC 2023 is a face-to-face conference, but it is competing with a large number of other conferences. We will not know the outcome until after July 2023. Given the reduced travel and ability for conference attendees to connect online, many conferences and associations are seeing a drop in conference revenue. This is seen to be an on-going COVID related issue. Whilst COVID has affected the Society's income we believe with our current strategies, strength of our balance sheet, the closing of the physical office and the implementation of an Association Manager, we will continue to trade as a going concern.

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

NOTES TO THE FINANCIAL STATEMENTS
31 DECEMBER 2022

	Note	2022 \$	2021 \$
Note 4: Revenue			
Sales revenue			
- membership fees		237,166	237,489
- publishing income and AJES		18,617	39,806
- royalty income		103,424	106,116
- conference surplus		146,269	4,511
- sponsorship income		8,514	14,614
- dividends and distributions		109,401	70,022
- interest from financial institutions		3,573	3,940
- movement in market value of investments		(480,807)	83,614
- realised gain/(loss) on sale of investments		109,223	266,597
- sales		30,635	34,960
- events		62,894	7,653
- JobSaver/JobKeeper		-	55,192
- other revenue		<u>63,131</u>	<u>22,647</u>
		<u>412,040</u>	<u>947,161</u>
Note 5: Expenses			
(a) Employee benefit expenses			
Salary and wages & other employee expenses		107,722	155,871
Superannuation contribution expenses		<u>10,333</u>	<u>14,559</u>
		<u>118,055</u>	<u>170,430</u>
(b) Conference expenses			
Conference travel/incidentals/booth & equipment		26,597	31,267
Meeting travel/incidentals/Advertising/Publicity		<u>8,855</u>	<u>11,045</u>
		<u>35,452</u>	<u>42,312</u>
Note 6: Cash and cash equivalents			
Cash on hand		100	100
Cash at bank		<u>1,160,247</u>	<u>1,054,060</u>
		<u>1,160,347</u>	<u>1,054,160</u>
Reconciliation of Cash			
Cash and cash equivalents		<u>1,160,347</u>	<u>1,054,160</u>
		<u>1,160,347</u>	<u>1,054,160</u>
Note 7: Trade and other receivables			
Current			
Trade receivables		4,259	5,609
Less: provision for impairment of receivables		<u>-</u>	<u>-</u>
		4,259	5,609
Other receivable			
		<u>75,189</u>	<u>150,942</u>
		<u>79,448</u>	<u>156,551</u>

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

NOTES TO THE FINANCIAL STATEMENTS
31 DECEMBER 2022

	Note	2022 \$	2021 \$
Note 8: Inventory			
Current			
Inventory on hand		<u>112,677</u>	<u>119,099</u>
Note 9: Financial assets			
Investments in Unit Trusts and Shares unlisted and those listed on a prescribed stock exchange		2,408,713	2,537,488
Investment cash held by financial advisor for future investments		<u>35,502</u>	<u>123,889</u>
		<u>2,444,215</u>	<u>2,661,377</u>
Note 10: Other assets			
Current			
Prepayments		<u>45,795</u>	<u>121,947</u>
		<u>45,795</u>	<u>121,947</u>
Note 11: Plant and equipment			
Plant and equipment			
(a) Office equipment			
At cost		2,431	2,431
Less accumulated depreciation		<u>(2,130)</u>	<u>(2,054)</u>
		<u>301</u>	<u>377</u>
(b) Computer equipment			
At cost		30,526	30,526
Less accumulated depreciation		<u>(30,109)</u>	<u>(29,832)</u>
		<u>417</u>	<u>694</u>
Total plant and equipment		<u>718</u>	<u>1,071</u>
Note 12: Trade and other payables			
Current			
Trade payables and accruals		42,157	42,051
Other payables		<u>52,906</u>	<u>49,685</u>
		<u>95,063</u>	<u>91,736</u>
Note 13: Provisions			
Current			
Annual leave		12,599	20,568
Long service leave		<u>-</u>	<u>26,449</u>
		<u>12,599</u>	<u>47,017</u>
Non-Current			
Long service leave		<u>5,550</u>	<u>4,133</u>
		<u>5,550</u>	<u>4,133</u>

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

NOTES TO THE FINANCIAL STATEMENTS
31 DECEMBER 2022

	Note	2022 \$	2021 \$
Note 14: Other liabilities			
Current			
Membership fees received in advance		<u>105,070</u>	<u>106,686</u>
		<u>105,070</u>	<u>106,686</u>
Note 15: Reserves			
Stillwell bequest reserve	15(a)	<u>2,230</u>	<u>2,230</u>
		<u>2,230</u>	<u>2,230</u>
(a) Stillwell bequest reserve			
Movements during the financial year:			
Opening balance		2,230	2,230
Movement		<u>-</u>	<u>-</u>
Closing balance		<u>2,230</u>	<u>2,230</u>
Note 16: Retained Surpluses			
Retained surpluses at the beginning of the financial year		3,862,403	3,626,066
Movement in reserves		-	-
Contribution by Bowen Basin Geology Group		-	-
Contribution by Australian Regolith Geoscientists Alliance		-	-
Surplus/(deficit) for the year		<u>(239,715)</u>	<u>236,337</u>
Retained surpluses at the end of the financial year		<u>3,622,688</u>	<u>3,862,403</u>
Note 17: Remuneration of auditors			
Audit services – Cadenze Partners			
Audit of the financial statements		12,450	11,700
Other services		<u>1,550</u>	<u>1,550</u>
		<u>14,000</u>	<u>13,250</u>

Note 18: Contingent liabilities

The incorporated association had no contingent liabilities as at 31 December 2022 and 31 December 2021.

Note 19: Commitments

The incorporated association had no commitments for expenditure as at 31 December 2022 and 31 December 2021.

Note 20: Events after reporting period

No matter or circumstances has arisen since 31 December 2022 that has significantly affected, or may significantly affect the incorporated association's operations, the results of those operations, or the incorporated association's state of affairs in future financial years.

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

NOTES TO THE FINANCIAL STATEMENTS
31 DECEMBER 2022

	Note	2022 \$	2021 \$
<hr/>			
Note 21: Reconciliation of surplus after income tax to net cash from operating activities			
Surplus/(deficit) from operating activities after income tax		(239,715)	236,337
<i>Non-cash flows in deficit</i>			
Depreciation		353	555
Net (gain)/loss on disposal of investments		(109,223)	(266,597)
Bad debts		-	-
Movement in market value of investments		468,000	(83,614)
<i>Changes in assets and liabilities</i>			
(Increase)/decrease in receivables		77,103	(71,080)
(Increase)/decrease in other assets		76,152	5,940
(Increase)/decrease in inventories		6,422	100,652
Increase/(decrease) in membership fees received in advance		(1,616)	(24,444)
Increase/(decrease) in trade and other payables		3,326	(8,166)
Increase/(decrease) in reserves		-	-
Increase/(decrease) in provisions		<u>(33,002)</u>	<u>491</u>
Cash flows from operations		<u><u>247,800</u></u>	<u><u>(109,926)</u></u>

Note 22: Incorporated Association details

The registered office of the incorporated association is:
Suite 8, Level 2,
141 Peats Ferry Road
HORNSBY NSW 2077

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATE
ABN 93 652 757 443

STATEMENT BY MEMBERS OF THE COMMITTEE

In the committees' opinion:

- the incorporated association is not a reporting entity because there are no users dependent on general purpose financial statements. Accordingly, as described in note 1 to the financial statements, the attached special purpose financial statements have been prepared for the purposes of complying with the Associations Incorporation Act 1991 of the Australian Capital Territory requirements to prepare and distribute financial statements to the members of Geological Society of Australia Incorporated;
- the attached financial statements and notes thereto comply with the Associations Incorporation Act 1991 of the Australian Capital Territory, the Accounting Standards as described in note 1 to the financial statements and other mandatory professional reporting requirements;
- the attached financial statements and notes thereto give a true and fair view of the incorporated association's financial position as at 31 December 2022 and of its performance for the financial year ended on that date; and
- there are reasonable grounds to believe that the incorporated association will be able to pay its debts as and when they become due and payable.

This statement is made in accordance with a resolution of the committee and is signed for and on behalf of the committee by:

Officer



Peter Betts

Officer



Verity Normington

Dated this 25th day of May 2023

**INDEPENDENT AUDIT REPORT TO THE MEMBERS OF
GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED**

Report on the Financial Report

We have audited the accompanying financial report, being a special purpose financial report, of Geological Society of Australia Incorporated, which comprises the statement of financial position as at 31 December 2022, statement of comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, notes comprising a summary of significant accounting policies and other explanatory information, and the officers' declaration.

Committee's Responsibility for the Financial Report

The committee of the incorporated association are responsible for the preparation of the financial report that gives a true and fair view and have determined that basis of preparation described in Note 1 to the financial report is appropriate to meet the requirements of the Associations Incorporation Act 1991 of the Australian Capital Territory and is appropriate to meet the needs of the members. The committee's responsibility also includes such internal control as the officers determine is necessary to enable the preparation of a financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on the financial report based on our audit. No opinion is expressed as to whether the accounting policies used, as described in Note 1, are appropriate to meet the needs of the members. We conducted our audit in accordance with Australian Auditing Standards. These Auditing Standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the incorporated association's preparation and fair presentation of the financial report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the incorporated association's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the officers, as well as evaluating the overall presentation of the financial report.

The financial report has been prepared for distribution to members for the purpose of fulfilling the officer's financial reporting responsibilities under the Associations Incorporation Act 1991 of the Australian Capital Territory. We disclaim any assumption of responsibility for any reliance on this report or on the financial report to which it relates to any person other than the members, or for any purpose other than that for which it was prepared.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Independence

In conducting our audit, we have complied with the independence requirements of the Associations Incorporation Act 1991 of the Australian Capital Territory. We confirm that the independence declaration required by the Associations Incorporation Act 1991 of the Australian Capital Territory, provided to the officers of Geological Society of Australia Incorporated on, would be in the same terms if provided to the officers as at the date of this auditor's report.

Opinion

In our opinion the financial report of Geological Society of Australia Incorporated, is in accordance with the Associations Incorporation Act 1991 of the Australian Capital Territory, including :

- (a) giving a true and fair view of the company's financial position as at 31 December 2022, and of its performance for the year ended on that date; and
- (b) complying with Australian Accounting Standards to the extent described in Note 1.



Basis of Preparation

Without modifying our opinion, we draw attention to Note 1 to the financial report, which describes the basis of accounting. The financial report has been prepared to assist Geological Society of Australia Incorporated to comply with the Associations Incorporation Act 1991 of the Australian Capital Territory requirements to prepare and distribute financial statements to the members of Geological Society of Australia Incorporated. As a result, the financial report may not be suitable for another purpose.

Cadenze Partners Pty Ltd

Duncan Barber
Director

Level 12, 37 York Street
SYDNEY
NSW 2000

Date this 25h day of May 2023

Cadenze Partners Pty Ltd
ABN 98 101 810 682

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Sydney NSW 2001

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Sydney NSW 2000

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W www.cadenze.com.au



**DISCLAIMER OF ADDITIONAL INFORMATION
TO THE MEMBERS OF GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED**

The additional financial data presented on pages 22 to 24 is in accordance with the books and records of the incorporated association which have been subjected to the auditing procedures applied in our statutory audit of the incorporated association for the financial year ended 31 December 2022. It will be appreciated that our statutory audit did not cover all details of the additional financial data. Accordingly, we do not express an opinion on such financial data and we give no warranty of accuracy or reliability in respect of the data provided. Neither the firm nor any member or employee of the firm undertakes responsibility in any way whatsoever to any person (other than Geological Society of Australia Incorporated in respect of such data, including any errors or omissions therein however caused).

Cadenze Partners Pty Ltd

Duncan Barber
Director

Level 12, 37 York Street
SYDNEY
NSW 2000

Date this 25th day of May 2023

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

ADDITIONAL FINANCIAL INFORMATION ON THE 2020 FINANCIAL STATEMENTS

DETAILED PROFIT AND LOSS
31 DECEMBER 2022

	2022	2021
	\$	\$
Income		
Membership fees	237,166	237,489
Interest	3,573	3,940
Dividends and distributions	109,401	70,022
Publishing income	18,617	39,806
Royalty income	103,424	106,116
JobKeeper/Cash Flow Boost	-	55,192
Other conference surplus	146,269	4,511
Sponsorship income	8,514	14,614
Events	62,894	7,653
Realised gain on sale of investments	109,223	266,597
Movement in market value of investments	(480,807)	83,614
Sales	30,635	34,960
Other income	63,131	22,647
Total Income	412,040	947,161
Less: Expenses		
Movement in Stock	6,422	100,652
AJES Hon Ed Expenses	18,617	18,651
AJES Print & Online	6,000	6,000
Alcheringa Print & Online	-	34,228
TAG Mailing Expenses	17,148	19,939
TAG Design	17,565	18,419
TAG Editing	18,000	18,000
TAG Printing	16,140	16,080
Cost of sales	99,892	231,969
Administration expenses		
Accounting	18,395	11,720
Administration	-	-
Bursary	5,433	3,500
Annual/Committee (Division/Specialist Group) dinners	575	2,449
Audit	14,000	14,200
Bad Debt	-	-
Bank Charges	1,459	1,456
Casuals / Admin Assistance	2,164	2,339

The detailed profit and loss should be read in conjunction with the attached Disclaimer.

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

ADDITIONAL FINANCIAL INFORMATION ON THE 2020 FINANCIAL STATEMENTS

DETAILED PROFIT AND LOSS
31 DECEMBER 2022

	2022	2021
	\$	\$
Computer Software Upgrades	3,494	4,398
Computer Support & Services	17,949	17,812
Conference Booth & Equipment	1,644	320
Conference Travel /Incidentals	24,953	30,948
Depreciation	353	555
Design	4,284	3,402
Education & Outreach	3,538	8,408
Events	120,954	13,620
Electricity	1,504	1,448
Endowment Fund costs	-	-
Cleaning	400	991
Freight and Postage	14,121	10,165
General Sponsorship	10,959	15,895
Geoscience	17,219	-
GEOZ	1,408	1,234
Loss on sale of equipment	-	-
Insurance	16,047	16,277
Interest Expense	-	-
Investment Fees	8,046	5,621
Legal Advice	24,218	4,213
Marketing	45	309
Medals / Awards	1,323	15,552
Meeting Travel/Incidentals	8,855	11,045
Meetings Teleconferencing	-	5,000
Merchant Fees	3,303	3,157
Office Supplies	254	1,023
Other Employment Expenses	-	-
Photocopier Lease Payment	2,994	3,026
Printing and Stationery	5,155	6,010

The detailed profit and loss should be read in conjunction with the attached Disclaimer.

GEOLOGICAL SOCIETY OF AUSTRALIA INCORPORATED
ABN 93 652 757 443

ADDITIONAL FINANCIAL INFORMATION ON THE 2020 FINANCIAL STATEMENTS

DETAILED PROFIT AND LOSS
31 DECEMBER 2022

	2022	2021
	\$	\$
Provision for Annual Leave	(25,031)	5,620
Provision for Long Service	(7,969)	(5,130)
Publications	8,157	22,206
Public lecture expenses	-	-
Rent	29,482	27,858
Recruitment	1,096	-
Staff Amenities	-	-
Staff Training	-	226
Staff Wages	137,462	153,043
Student prizes	12,800	1,945
Subscriptions/Donations	5,025	5,311
Sundry Payments	16,682	5,014
Superannuation	10,333	14,559
Telephone & Internet	6,856	8,014
Telephone Advertising	388	402
Total Grants for the Year	19,560	19,905
Travel & Entertainment	-	-
Workers' compensation	862	1,033
Website Expenses	1,114	2,756
Total administration expenses	551,863	478,855
Total expenses	651,755	710,824
Surplus / (Deficit)	(239,715)	236,337

The detailed profit and loss should be read in conjunction with the attached Disclaimer.

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Geological Society of Australia

	<u>\$</u>
Current Assets	
Cash On Hand	150,857
Consolidated Cash Account	(3,468)
AESC Prepaid Expenses	28,636
Prepaid Rent Hornsby	2,000
Prepayments	14,704
Trade Debtors - MYOB	12,790
Inventory Stock on Hand	153
Investments	1,830,606
Total Current Assets	2,036,278
Non Current Assets	
Furniture & Fixtures	718
Total Non Current Assets	718
TOTAL ASSETS	2,036,996
Liabilities	
Trade Creditors	2,073
Other Creditors & Accruals	34,404
Endowment Fund Donations	2,031
National Rock Garden Donations	(1,000)
GST Liabilities	7,491
Payroll Liabilities	19,168
DIV/SG Owing Capitation	30,864
DIV/SG Invoices	5,110
GSA Events Liability	123,266
Subs Received in Advance	105,069
DIV/SG Invest Trust Fund	875,680
TOTAL LIABILITIES	1,204,155
Net Assets	832,841
EQUITY	
Stillwell Bequest	2,230
Retained Earnings	1,001,549
Current Year Surplus / (Deficit)	(170,938)
TOTAL EQUITY	832,841

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Geological Society of Australia

	\$
Income	
Imputation Credits	(459)
Interest on Investment Account	139
Investment Distributions	44,592
Investment Dividends	6,038
Unrealised Gain on Investments	(122,326)
Realised Gain on Investments	37
Admin Fees - DIV/SG	150
Advertising	2,909
AJES	18,617
Membership Subscriptions	206,182
Postage, Handling	316
Central Funds Sales	190
Accredited Geoscientist	455
Royalty income	91,113
Sponsorship	750
Sundry Income	8,241
TOTAL INCOME	256,943
Cost of Sales	
Movement in Inventory	631
Gross Profit	256,311
Expenses	
AJES Hon Ed Expenses	18,617
AJES Print & Online	6,000
TAG Mailing Expenses	17,148
TAG Design	17,565
TAG Editing	18,000
TAG Printing	16,140
Computer Software Upgrades	3,494
Computer Support & Services	17,949
Audit	14,000
Accounting	18,395
Legal Advice	24,218
Insurance	16,047
Investment Fees	8,046
Bank Charges	410
Merchant Fees	3,303
Conference Travel /Incidentals	260

Conference Booth & Equipment	1,644
Depreciation	353
Electricity	1,504
Freight and Postage	8,258
Meeting Travel/Incidentals	4,788
Medals/Awards	86
Office Supplies	254
Photocopier Lease Payment	2,994
Printing and Stationery	2,994
Rent	27,965
Cleaning	400
Sundry Payments	402
Subscriptions/Donations	5,025
Telephone Advertising	388
Telephone & Internet	6,856
Website expenses	405
Casuals / Admin Assistance	2,164
Provision for Long Service Leave	(7,969)
Provision for Annual Leave	(25,031)
Staff Wages	137,462
Superannuation	10,333
Recruitment	1,096
Workers Compensation	862
Geoscience	15,588
GEOZ	1,408
Marketing	45
Design	4,284
Education & Outreach	3,538
Grant Reimbursements	19,560
TOTAL EXPENSES	427,249
Operating Profit	(170,938)
Net Surplus / (Deficit)	(170,938)

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Total Divisions

	<u>\$</u>
Current Assets	
Cash On Hand	37,059
Consolidated Cash Account	149,433
Other Debtors	3,808
Prepayments	455
Trade Debtors - MYOB	19,468
Inventory Stock on Hand	78,274
DIV/SG Investment clearing	66,288
Investments	359,475
TOTAL CURRENT ASSETS	714,258
DIV/SG Investments	
Victoria Division	613,609
Total DIV/SG Investments	613,609
TOTAL ASSETS	1,327,867
Liabilities	
GST Payables	(154)
TOTAL LIABILITIES	(154)
Net Assets	1,328,021
Equity	
Retained Earnings	1,410,856
Current Year Surplus / (Deficit)	(82,834)
TOTAL EQUITY	1,328,021

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Total Divisions

	\$
Income	
Imputation Credits	22,775
Interest on Bank Account	694
Interest on Investment Account	190
Investment Distributions	8,537
Investment Dividends-Div/SG	15,074
Investment Dividends	14,422
Unrealised Gain on Investments	(248,178)
Realised Gain on Investments	109,169
Conference surplus	121
Membership Subscriptions	19,560
Divison Sales	24,195
Sponsorship	1,128
Event Income	17,367
Sundry Income	940
TOTAL INCOME	(14,007)
Cost of Sales	
Movement Inventory	7,282
Gross Profit	(21,289)
Expenses	
Bank Charges	897
Freight and Postage	2,211
Meeting Travel/Incidentals	2,212
Medals/Awards	87
Printing and Stationery	2,161
Sundry Payments	169
Rent	1,516
Sponsorship	9,959
Prizes	12,800
Annual/Committee Dinner	574
Events	15,682
Publications	7,845
Bursary	5,433
TOTAL EXPENSES	61,545
Operating Profit	(82,834)
Net Surplus / (Deficit)	(82,834)

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Total Specialists

	\$
Current Assets	
Cash On Hand	497,662
Consolidated Cash Account	400,819
Other Debtors	4,339
Trade Debtors - MYOB	11,443
Inventory Stock on Hand	34,249
DIV/SG Investment clearing	42,513
Investments	516,205
TOTAL CURRENT ASSETS	1,507,230
DIV/SG Investments	
Victoria Division	
Total DIV/SG Investments	-
TOTAL ASSETS	1,507,230
Liabilities	
GST Payable	(2,677)
Other Creditors & Accruals	622
TOTAL LIABILITIES	(2,054)
Net Assets	1,509,284
Equity	
Contributions	-
Retained Earnings	1,495,227
Current Year Surplus / (Deficit)	14,057
TOTAL EQUITY	1,509,284

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2020 to 31st December 2021
Total Specialist

	\$
Income	
Interest on Bank Account	2,550
Investment Dividends-Div/SG	20,737
Unrealised Gain on Investments	(97,497)
Realised Gain on Investments	18
Conference Surplus	146,149
Membership Subscriptions	11,423
Division Sales	4,085
Specialist Group Sales	2,165
Royalty income	12,311
Sponsorship	6,636
Event Income	45,526
Sundry Income	15,000
TOTAL INCOME	169,104
Cost of Sales	
Movement in Inventory	(1,492)
Gross Profit	170,596
Expenses	
Freight & Postage	3,652
Bank Charges	152
Conference Travel /Incidentals	24,694
Medals/Awards	1,150
Sundry Payments	16,111
Meeting Travel/Incidentals	1,855
Website Expenses	710
Geoscience	1,632
Sponsorship	1,000
Events	105,272
Publications	312
TOTAL EXPENSES	156,539
Operating Profit	14,057
Net Surplus / (Deficit)	14,057

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Autralian Capital Territory

	\$
Current Assets	
Consolidated Cash Account	21,587
Trade Debtors	1,605
Total Current Assets	23,192
TOTAL ASSETS	23,192
Liabilities	
GST Payable	342
TOTAL LIABILITIES	342
Net Assets	22,850
EQUITY	
Opening Retained Surpluses	20,298
Current Year Surplus/(Deficit)	2,552
TOTAL EQUITY	22,850

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Australian Capital Territory

	\$
Income	
Interest on Bank Account	104
Membership Subscriptions	1,605
Division Sales	1,845
Event Income	106
TOTAL INCOME	3,660
Cost of Sales	
Movement in Inventory	-
Gross Profit	3,660
Expenses	
Bank Charges	88
Events	975
Bursary	45
TOTAL EXPENSES	1,109
Operating Profit	2,552
Net Surplus / (Deficit)	2,552

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Hunter Valley

	\$
Current Assets	
Consolidated Cash Account	6,291
Trade debtor - MYOB	405
Total Current Assets	6,696
TOTAL ASSETS	6,696
Liabilities	
GST Payable	(39)
TOTAL LIABILITIES	(39)
Net Assets	6,735
EQUITY	
Opening Retained Surpluses	6,685
Current Year Surplus/(Deficit)	49
TOTAL EQUITY	6,735

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Hunter Valley

	\$
Income	
Interest on Bank Account	32
Membership Subscriptions	405
TOTAL INCOME	437
Cost of Sales	
Movement in Inventory	-
Gross Profit	437
Expenses	
Bursary	388
TOTAL EXPENSES	388
Operating Profit	49
Net Surplus / (Deficit)	49

Geological Society of Australia

Balance Sheet

As at 31 December 2022

New South Wales

	\$
Current Assets	
Consolidated Cash Account	31,726
Trade Debtors - MYOB	3,765
GST Receivable	
Total Current Assets	35,491
TOTAL ASSETS	35,491
Liabilities	
GST Payable	(390)
Other Creditors & Accruals	-
TOTAL LIABILITIES	(390)
Net Assets	35,881
EQUITY	
Opening Retained Surpluses	35,501
Current Year Surplus/(Deficit)	380
TOTAL EQUITY	35,881

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
New South Wales

	\$
Income	
Interest on Bank Account	148
Membership Subscriptions	3,765
TOTAL INCOME	3,913
Cost of Sales	
Movement in Inventory	-
Gross Profit	3,913
Expenses	
Bank Charges	88
Medals/Awards	
Sundry Payments	
Events	2,451
Sponsorship	250
Bursary	
Meeting Travel/Incidentals	744
TOTAL EXPENSES	3,533
Operating Profit	380
Net Surplus / (Deficit)	380

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Northern Territory

	\$
Current Assets	
Consolidated Cash Account	8,378
Other Debtors	1,077
Prepayments	455
Trade Debtors - MYOB	375
Total Current Assets	10,284
TOTAL ASSETS	10,284
Liabilities	
GST Payable	59
TOTAL LIABILITIES	59
Net Assets	10,225
EQUITY	
Opening Retained Surpluses	8,219
Current Year Surplus/(Deficit)	2,006
TOTAL EQUITY	10,225

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Northern Territory

	\$
Income	
Interest on Bank Account	38
Sponsorship	1,127
Division Sales	2,436
Event Income	808
Sundry Income	777
Membership Subscriptions	375
TOTAL INCOME	5,562
Cost of Sales	
Movement in Inventory	-
Gross Profit	5,562
Expenses	
Bank Charges	56
Meeting Travel/Incidentals	888
Printing and Stationery	2,161
Events	450
TOTAL EXPENSES	3,556
Operating Profit	2,006
Net Surplus / (Deficit)	2,006

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Queensland

	\$
Current Assets	
Consolidated Cash Account	20,303
Other Debtors	1,254
Trade Debtors - MYOB	3,225
Inventory Stock on Hand	43,295
DIV/SG Investment clearing	17,542
Investments	102,752
GST Receivable	
Total Current Assets	188,370
TOTAL ASSETS	188,370
Liabilities	
GST payables	50
TOTAL LIABILITIES	50
Net Assets	188,321
EQUITY	
Opening Retained Surpluses	199,704
Current Year Surplus/(Deficit)	(11,383)
TOTAL EQUITY	188,321

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Queensland

	<u>\$</u>
Income	
Interest on Bank Account	92
Investment Dividends - Div/SG	4,244
Unrealised Gain on Investments	(21,158)
Realised Gain on Investments	4
Membership Subscriptions	3,225
Division Sales	17,371
TOTAL INCOME	3,779
Cost of Sales	
Movement in Inventory	1,946
Gross Profit	1,833
Expenses	
Bank Charge	281
Printing and Stationery	
Freight and Postage	1,811
Meeting Travel/Incidentals	444
Sponsorship	1,209
Events	1,538
Publications	7,845
Sundry Payments	90
TOTAL EXPENSES	13,216
Operating Profit	(11,383)
Net Surplus / (Deficit)	(11,383)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
South Australia

	\$
Current Assets	
Consolidated Cash Account	14,099
Trade Debtors - MYOB	1,725
GST Receivable	
DIV/SG Investment clearing	22,469
Investments	105,789
Total Current Assets	144,081
TOTAL ASSETS	144,081
Liabilities	
GST Payable	306
TOTAL LIABILITIES	306
Net Assets	143,775
EQUITY	
Opening Retained Surpluses	176,001
Current Year Surplus/(Deficit)	(32,226)
TOTAL EQUITY	143,775

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
South Australia

	\$
Income	
Interest on Bank Account	61
Investment Dividends-Div/SG	4,459
Unrealised Gain on Investments	(38,599)
Realised Gain on Investments	3
Conference Surplus	121
Membership Subscriptions	1,725
Event Income	13,373
TOTAL INCOME	(18,857)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(18,857)
Expenses	
Bank Charge	88
Meeting Travel/Incidentals	135
Medals/Award	42
Prizes	1,500
Sponsorship	8,500
Annual/Committee Dinner	574
Events	1,527
Bursary	1,000
TOTAL EXPENSES	13,367
Operating Profit	(32,224)
Net Surplus / (Deficit)	(32,224)

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Tasmania

	\$
Current Assets	
Consolidated Cash Account	40,334
Other Debtors	913
Trade Debtors - MYOB	1,185
Inventory Stock on Hand	31,045
DIV/SG Investment clearing	9,997
Investments	58,578
Total Current Assets	142,052
TOTAL ASSETS	142,052
Liabilities	
GST Payable	292
TOTAL LIABILITIES	292
Net Assets	141,760
EQUITY	
Opening Retained Surpluses	154,479
Current Year Surplus/(Deficit)	(12,719)
TOTAL EQUITY	141,760

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Tasmania

	\$
Income	
Interest on Bank Account	201
Investment Dividends-Div/SG	2,420
Unrealised Gain on Investments	(12,061)
Realised Gain on Investments	2
Membership Subscriptions	1,185
Division Sales	2,059
Event Income	2,107
TOTAL INCOME	(4,086)
Cost of Sales	
Movement in Inventory	4,607
Gross Profit	(8,693)
Expenses	
Bank Charge	96
Freight & Postage	18
Events	2,412
Prizes	1,500
TOTAL EXPENSES	4,026
Operating Profit	(12,719)
Net Surplus / (Deficit)	(12,719)

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Victoria

	\$
Current Assets	
Cash on Hand	37,059
Other Debtors	564
Trade Debtors - MYOB	2,218
Inventory Stock on Hand	3,935
Victoria Division	613,609
Total Current Assets	657,384
Non Current Assets	
Victoria Division	
Total Non Current Assets	-
TOTAL ASSETS	657,384
Liabilities	
GST Payable	(357)
TOTAL LIABILITIES	(357)
Net Assets	657,741
EQUITY	
Opening Retained Surpluses	669,329
Current Year Surplus/(Deficit)	(11,588)
TOTAL EQUITY	657,741

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Victoria

	\$
Income	
Imputation Credits	22,774.71
Interest on Investment Account	190
Investment Distributions	8,537
Investment Dividends	14,422
Unrealised Gain on Investments	(156,516)
Realised Gain on Investments	109,155
Membership Subscriptions	2,310
Division Sales	482
Sundry Income	163
TOTAL INCOME	1,518
Cost of Sales	
Movement in Inventory	729
Gross Profit	789
Expenses	
Bank Charge	120
Freight and Postage	382
Rent	1,516
Sundry Payments	79
Annual/Committee Dinner	6,800
Events	3,480
TOTAL EXPENSES	12,377
Operating Profit	(11,588)
Net Surplus / (Deficit)	(11,588)

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Western Australia

	\$
Current Assets	
Consolidated Cash Account	6,716
Trade Debtors - MYOB	4,965
DIV/SG Investment clearing	16,280
Investments	92,356
Total Current Assets	120,317
TOTAL ASSETS	120,317
Liabilities	
GST Payable	(417)
TOTAL LIABILITIES	(417)
Net Assets	120,734
EQUITY	
Opening Retained Surpluses	140,639
Current Year Surplus/(Deficit)	(19,905)
TOTAL EQUITY	120,734

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Western Australia

	\$
Income	
Interest on Bank Account	18
Investment Dividends - Div/SG	3,951
Unrealised Gain on Investments	(19,844)
Realised Gain on Investments	4
Membership Subscriptions	4,965
Event Income	973
TOTAL INCOME	(9,934)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(9,934)
Expenses	
Bank Charge	80
Bursary	4,000
Medals/Awards	45
Events	2,847
Prizes	3,000
TOTAL EXPENSES	9,972
Operating Profit	(19,905)
Net Surplus / (Deficit)	(19,905)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Australasian Paleontologists (AAP)

	\$
Current Assets	
Cash On Hand	222,218
Consolidated Cash Account	45,918
Other Debtors	4,461
Trade Debtors - MYOB	2,965
Inventory Stock on Hand	34,249
DIV/SG Investment clearing	11,760
Investments	68,788
Total Current Assets	390,359
TOTAL ASSETS	390,359
Liabilities	
GST Payable	(4,002)
Other Creditors & Accruals	1
TOTAL LIABILITIES	(4,001)
Net Assets	394,360
EQUITY	
Opening Retained Surpluses	390,746
Current Year Surplus/(Deficit)	3,614
TOTAL EQUITY	394,360

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Australasian Palaeontologists (AAP)

	\$
Income	
Interest on Bank Account	580
Investment Dividends-Div/SG	2,842
Unrealised Gain on Investments	(14,161)
Realised Gain on Investments	3
Membership Subscriptions	2,965
Division Sales	4,070
Sponsorship	500
Royalty income	11,814
Sundry Income	15,000
TOTAL INCOME	23,613
Cost of Sales	
Movement in Inventory	(1,492)
Gross Profit	25,105
Expenses	
Conference Travel /Incidentals	1,817
Freight and Postage	3,652
Sundry Payments	15,000
Website Expenses	710
Publications	312
TOTAL EXPENSES	21,491
Operating Profit	3,613
Other Income	
Other Income	-
Total Other Income	-
Net Surplus / (Deficit)	3,613

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Australian Sedimentology Group (ASG)

	\$
Current Assets	
Cash On Hand	74,545
Consolidated Bank Account	11,805
Trade Debtors - MYOB	540
DIV/SG Investment clearing	16,219
Investments	118,644
Total Current Assets	221,754
TOTAL ASSETS	221,754
Liabilities	
GST Payable	30
Other Creditors & Accruals	
TOTAL LIABILITIES	30
Net Assets	221,724
EQUITY	
Opening Retained Surpluses	240,238
Current Year Surplus/(Deficit)	(18,514)
TOTAL EQUITY	221,724

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Australian Sedimentology Group (ASG)

	\$
Income	
Interest on Bank Account	59
Investment Dividends-Div/SG	4,903
Unrealised Gain on Investments	(24,435)
Realised Gain on Investments	5
Membership Subscriptions	532
Royalty income	422
TOTAL INCOME	(18,514)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(18,514)
Expenses	
Sponsorship	
TOTAL EXPENSES	-
Operating Profit	(18,514)
Net Surplus / (Deficit)	(18,514)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Australian Regolith Geoscientists Alliance (ARGA)

	\$
Current Assets	
Cash at Bank	
Consolidated Bank Account	29,173
Trade Debtors - MYOB	300
Total Current Assets	29,473
TOTAL ASSETS	29,473
Liabilities	
Other Creditors & Accruals	-
TOTAL LIABILITIES	-
Net Assets	29,473
EQUITY	
Opening Retained Surpluses	29,076
Current Year Surplus/(Deficit)	397
TOTAL EQUITY	29,473

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Australian Regolith Geoscientists Alliance (ARGA)

	\$
Income	
Interest on Bank Account	147
Membership Subscriptions	250
TOTAL INCOME	397
Cost of Sales	
Movement in Inventory	-
Gross Profit	397
Expenses	
TOTAL EXPENSES	-
Operating Profit	397
Net Surplus / (Deficit)	397

Geological Society of Australia

Balance Sheet

As at 31 December 2022

BBGG

	\$
Current Assets	
Cash On Hand	72,013
Consolidated Cash Account	-
Other Debtors	-
Trade Debtors - MYOB	
Total Current Assets	72,013
TOTAL ASSETS	72,013
Liabilities	
Other Creditors & Accruals	622
TOTAL LIABILITIES	622
Net Assets	71,391
EQUITY	
Opening Retained Surpluses	-
Current Year Surplus/(Deficit)	71,391
TOTAL EQUITY	71,391

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
BBGG

	\$
Income	
Interest on Bank Account	-
Membership Subscriptions	-
Conference Surplus	94,268
Royalty Income	-
TOTAL INCOME	94,268
Cost of Sales	
Movement in Inventory	-
Gross Profit	94,268
Expenses	
Bank Charges	-
Conference Travel /Incidentals	22,877
TOTAL EXPENSES	22,877
Operating Profit	71,391
Net Surplus / (Deficit)	71,391

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Coalfield Geology Council of NSW

	\$
Current Assets	
Cash On Hand	36,456
DIV/SG Investment Clearing	6,761
Investment	50,212
Total Current Assets	93,430
TOTAL ASSETS	93,430
Liabilities	
GST Payable	111
Other Creditors & Accruals	-
TOTAL LIABILITIES	111
Net Assets	93,318
EQUITY	
Opening Retained Surpluses	103,669
Current Year Surplus/(Deficit)	(10,350)
TOTAL EQUITY	93,318

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Coalfield Geology Council of NSW

	\$
Income	
Interest on Bank Account	184
Investment Dividends - Div/SG	2,077
Unrealised gain on Investments	(10,351)
Realised Gain on Investments	2
TOTAL INCOME	(8,088)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(8,088)
Expenses	
Bank Charge	88
Events	1,063
Sundry Payments	1,111
TOTAL EXPENSES	2,262
Operating Profit	(10,350)
Net Surplus / (Deficit)	(10,350)

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Coal Geology Group (CGG)

	\$
Current Assets	
Cash On Hand	128,886
Consolidated Cash Account	111,079
Other Debtors	7,894
Trade Debtors - MYOB	1,215
Total Current Assets	249,075
TOTAL ASSETS	249,075
Liabilities	
GST Payable	(123)
TOTAL LIABILITIES	(123)
Net Assets	249,198
EQUITY	
Opening Retained Surpluses	247,860
Current Year Surplus/(Deficit)	1,338
TOTAL EQUITY	249,198

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Coal Geology Group (CGG)

	\$
Income	
Interest on Bank Account	758
Membership Subscriptions	1,215
Division Sales	15
Royalty Income	75
TOTAL INCOME	2,063
Cost of Sales	
Movement in Inventory	-
Gross Profit	2,063
Expenses	
Bank Charges	48
Meeting Travel/Incidentals	677
TOTAL EXPENSES	725
Operating Profit	1,338
Net Surplus / (Deficit)	1,338

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Earth Sciences History Group (EESHG)

	\$
Current Assets	
Consolidated Cash Account	1,148
DIV/SG Investment Clearing	(6,941)
Investment	128,878
Total Current Assets	123,085
TOTAL ASSETS	123,085
Liabilities	
GST Payable	-
TOTAL LIABILITIES	-
Net Assets	123,085
EQUITY	
Retained Earnings	136,055
Current Year Surplus/(Deficit)	(12,970)
TOTAL EQUITY	123,085

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Earth Sciences History Group (EESHG)

	\$
Income	
Interest on Bank Account	74
Investment Dividends - Div/SG	4,747
Unrealised Gain on Investment	(17,809)
Membership Subscription	18
TOTAL INCOME	(12,970)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(12,970)
Expenses	
Bank Charges	-
TOTAL EXPENSES	-
Operating Profit	(12,970)
Other Income	
Other Income	-
Total Other Income	-
Net Surplus / (Deficit)	(12,970)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Earth Sciences History Group (ESHG)

	\$
Current Assets	
Consolidated Cash Account	10,386
Trade Debtors - MYOB	680
Total Current Assets	11,066
TOTAL ASSETS	11,066
Liabilities	
Other Creditors & Accruals	-
TOTAL LIABILITIES	-
Net Assets	11,066
EQUITY	
Retained Earnings	10,334
Current Year Surplus/(Deficit)	732
TOTAL EQUITY	11,066

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Earth Sciences History Group (ESHG)

	\$
Income	
Interest on Bank Account	52
Membership Subscriptions	680
TOTAL INCOME	732
Cost of Sales	
Movement in Inventory	-
Gross Profit	732
Expenses	
Publications	
TOTAL EXPENSES	-
Operating Profit	732
Net Surplus / (Deficit)	732

Geological Society of Australia

Balance Sheet

As at 31 December 2022

GIC

		\$
Current Assets		
Cash On Hand	-	
Consolidated Cash Account	-	
Other Debtors	-	
Trade Debtors - MYOB	80	
Total Current Assets	80	
TOTAL ASSETS	80	
Liabilities		
GST Payable	-	
TOTAL LIABILITIES	-	
Net Assets	80	
EQUITY		
Opening Retained Surpluses	-	
Current Year Surplus/(Deficit)	80	
TOTAL EQUITY	80	

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
GIC

	\$
Income	
Interest on Bank Account	-
Membership Subscriptions	80
Division Sales	-
Royalty Income	-
TOTAL INCOME	80
Cost of Sales	
Movement in Inventory	-
Gross Profit	80
Expenses	
Bank Charges	-
Meeting Travel/Incidentals	-
TOTAL EXPENSES	-
Operating Profit	80
Net Surplus / (Deficit)	80

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Volcanology Specialist Group (LAVA)

	\$
Current Assets	
Consolidated Bank Account	8,193
Trade Debtors - MYOB	397
Total Current Assets	8,590
TOTAL ASSETS	8,590
Liabilities	
Other Creditors & Accruals	-
TOTAL LIABILITIES	-
Net Assets	8,590
EQUITY	
Opening Retained Surpluses	8,152
Current Year Surplus/(Deficit)	438
TOTAL EQUITY	8,590

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Volcanology Specialist Group (LAVA)

	\$
Income	
Interest on Bank Account	41
Membership Subscriptions	397
TOTAL INCOME	438
Cost of Sales	
Movement in Inventory	-
Gross Profit	438
Expenses	
Bursary	
TOTAL EXPENSES	-
Operating Profit	438
Net Surplus / (Deficit)	438

Geological Society of Australia

Balance Sheet

As at 31 December 2022

Education & Outreach (EOSG)

	\$
Current Assets	
Consolidated Bank Account	667
Trade Debtors - MYOB	306
DIV/SG Investment clearing	(251)
Investments	5,557
Total Current Assets	6,278
TOTAL ASSETS	6,278
Liabilities	
Other Creditors & Accruals	-
TOTAL LIABILITIES	-
Net Assets	6,278
EQUITY	
Retained Earnings	6,871
Current Year Surplus/(Deficit)	(593)
TOTAL EQUITY	6,278

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Education & Outreach (EOSG)

	\$
Income	
Interest on Bank Account	3
Investment Dividends-Div/SG	225
Unrealised Gain on Investments	(1,132)
Realised Gain on Investment	0.24
Membership Subscriptions	311
TOTAL INCOME	(593)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(593)
Expenses	
TOTAL EXPENSES	-
Operating Profit	(593)
Net Surplus / (Deficit)	(593)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Specialist Group in Economic Geology (SGEG)

	\$
Current Assets	
Consolidated Cash Account	5,323
Trade Debtors - MYOB	955
DIV/SG Investment clearing	16,531
Investments	96,840
GST receivables	
Total Current Assets	119,648
TOTAL ASSETS	119,648
Liabilities	
GST Payable	(281)
TOTAL LIABILITIES	(281)
Net Assets	119,929
EQUITY	
Opening Retained Surpluses	135,806
Current Year Surplus/(Deficit)	(15,877)
TOTAL EQUITY	119,929

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Specialist Group in Economic Geology (SGEG)

	\$
Income	
Interest on Bank Account	30
Investment Dividends-Div/SG	4,003
Unrealised Gain on Investments	(19,948)
Realised Gain on Investments	4
Membership Subscriptions	958
Event Income	328
TOTAL INCOME	(14,625)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(14,625)
Expenses	
Sponsorship	1,000
Events	252
TOTAL EXPENSES	1,252
Operating Profit	(15,877)
Net Surplus / (Deficit)	(15,877)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Geochemistry, Mineralogy & Petrology Specialist Group (SGGMP)

	\$
Current Assets	
Consolidated Bank Account	30,537
Other Debtors	(8,364)
Prepayments	
Trade Debtors - MYOB	1,317
Total Current Assets	23,490
TOTAL ASSETS	23,490
Liabilities	
GST Payables	1,523
TOTAL LIABILITIES	1,523
Net Assets	21,967
EQUITY	
Opening Retained Surpluses	16,412
Current Year Surplus/(Deficit)	5,555
TOTAL EQUITY	21,967

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Geochemistry, Mineralogy & Petrology Specialist Group (SGGMP)

	\$
Income	
Interest on Bank Account	154.4
Conference Surplus	51880.79
Specialist Group Sales	1818.19
Sponsorship	3636.36
Membership Subscriptions	1317
TOTAL INCOME	58,807
Cost of Sales	
Movement in Inventory	-
Gross Profit	58,807
Expenses	
Medals/Awards	1,150
Geoscience	1,632
Events	50,470
TOTAL EXPENSES	53,252
Operating Profit	5,555
Net Surplus / (Deficit)	5,555

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Specialist Group in Planetary Geosciences (SGPG)

	<u>\$</u>
Current Assets	
Consolidated Bank Account	4,663
Trade Debtors - MYOB	255
Total Current Assets	4,918
TOTAL ASSETS	4,918
Liabilities	
Other Creditors & Accruals	-
TOTAL LIABILITIES	-
Net Assets	4,918
EQUITY	
Opening Retained Earnings	4,639
Current Year Surplus/(Deficit)	278
TOTAL EQUITY	4,917

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Specialist Group in Planetary Geosciences (SGPG)

	\$
Income	
Interest on Bank Account	23
Membership Subscriptions	255
TOTAL INCOME	278
Cost of Sales	
Movement in Inventory	-
Gross Profit	278
Expenses	
Bank Charges	-
TOTAL EXPENSES	-
Operating Profit	278
Net Surplus / (Deficit)	278

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Specialist Group in Solid Earth Geophysics (SGSEG)

	\$
Current Assets	
Consolidated Cash Account	861
DIV/SG Investment clearing	(2,067)
Investments	44,643
Total Current Assets	43,437
TOTAL ASSETS	43,437
Liabilities	
Other Creditors & Accruals	-
TOTAL LIABILITIES	-
Net Assets	43,437
EQUITY	
Retained Earnings	50,755
Current Year Surplus/(Deficit)	(7,317)
TOTAL EQUITY	43,437

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Specialist Group in Solid Earth Geophysics (SGSEG)

	\$
Income	
Interest on Bank Account	4
Investment Dividends-Div/SG	1,841
Unrealised Gain on Investments	(9,177)
Realised Gain on Investments	2
Membership Subscriptions	12
TOTAL INCOME	(7,318)
Cost of Sales	
Movement in Inventory	-
Gross Profit	(7,318)
Expenses	
Bank Charges	
TOTAL EXPENSES	-
Operating Profit	(7,318)
Net Surplus / (Deficit)	(7,318)

Geological Society of Australia
Balance Sheet
As at 31 December 2022
Tectonics & Structural Geology Specialist Group (SGTSG)

	\$
Current Assets	
Consolidated Cash Account	104,611
Other Debtors	347
Trade Debtors - MYOB	2,433
DIV/SG Investment clearing	500
Investments	2,643
Total Current Assets	110,534
TOTAL ASSETS	110,534
Liabilities	
GST Payable	65
TOTAL LIABILITIES	65
Net Assets	110,469
EQUITY	
Retained Earnings	114,613
Current Year Surplus/(Deficit)	(4,144)
TOTAL EQUITY	110,469

Geological Society of Australia
Profit and Loss Statement
For the period
1st January 2022 to 31st December 2022
Tectonics & Structural Geology Specialist Group (SGTSG)

	\$
Income	
Interest on Bank Account	439
Investment Dividends-Div/SG	98
Unrealised Gain on Investments	(482)
Realised Gain on Investments	2
Membership Subscriptions	2,433
Specialist Group Sales	347
Sponsorship	2,500
Event Income	45,198
TOTAL INCOME	50,535
Cost of Sales	
Movement in Inventory	-
Gross Profit	50,535
Expenses	
Bank Charges	16
Meeting Travel/Incidentals	1,178
Events	53,485.59
TOTAL EXPENSES	54,680
Operating Profit	(4,144)
Net Surplus / (Deficit)	
	(4,144)