



# Australian Society of Exploration Geophysicists

Annual General Meeting  
Friday, 17th March 2023

12:30 AEST, 12:00 ACST & 10:30 AWST

In person – Brisbane

Online – via Zoom



## Australian Society of Exploration Geophysicists

The ASEG acknowledges the Traditional Owners of the land on which we gather today, and the many lands on which we undertake our work.

We recognize their continuing connection to these lands, water and culture and pay our respects to their Elders past and present.



Australian Society of  
Exploration Geophysicists

President's Report  
Annual General Meeting 2023



# Recognizing our Leaders, Sponsors & Volunteers



# FEDEX



Emma Brand  
President  
Diversity  
Committee Chair



Leslie Atkinson  
Secretary



Yvette Poudjom  
Djomani  
Treasurer  
Finance Committee  
Chair



Kate Brand  
Immediate Past  
President  
Professional  
Development Chair



Eric Battig  
President-Elect



Steve Hearn  
Publications Chair



Mosayeb Khademi Zahedi  
Communications Chair



Janelle Simpson  
Branch Liaison Chair



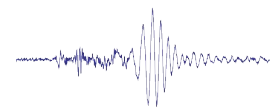
Mark Duffett  
Technical Standards liaison



Ian James  
Web Committee Chair



Suzanne Haydon  
Membership Chair





# State Branches

## ACT Branch

President	Phillip Wynne
Communications Officer	Grant Butler
Secretary	Mike Barlow

## QLD Branch

President	James Alderman
Treasurer	Roger Cant
Secretary	Nick Josephs
Committee	Tim Dean (Communications)

## Tas Branch

President	Gerrit Oliver
Treasurer	Tara Martin
Secretary	Matthew Cracknell

## Vic Branch

President	Thong Huynh
Treasurer	Jarrod Dunne

## SA/NT Branch

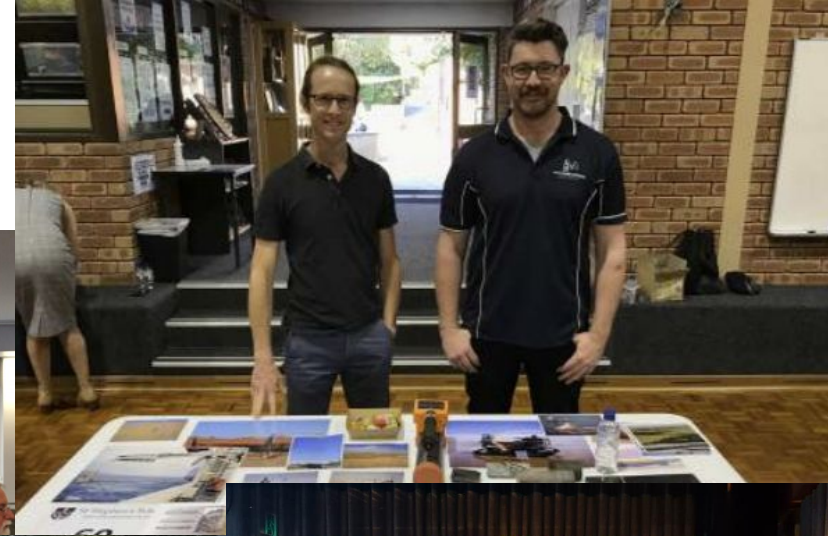
President	Paul Soeffky
NT Representative	Tania Dhu
Treasurer	Ben Kay


## NSW Branch

President	James Austin (Jim)
Treasurer	Stephanie Kovach
Secretary	Harikrishnan Nalinakumar
Social media officer	Joshua Valencic
Committee	Stuart Clark

## WA Branch

President	Michel Nzikou
Treasurer	Joseph Behan
Secretary	Timothy Hill
Vice President	Partha Pratim Mandalw





Australian Society of  
Exploration Geophysicists


## Modern Applications of Geophysics: Mineral Case Studies

Presented by the WA branch of the Australian Society of Exploration Geophysicists

*A face-to-face one-day symposium targeting geologists and geophysicists, covering a wide range of case studies spanning from exploration and discovery to evaluation and production of mineral deposits.*

**When: November 9, 2022**  
**Venue: Fraser's Kings Park - Perth**

Sponsored by:



For more information, contact [mag22@aseg.org.au](mailto:mag22@aseg.org.au)



# Corporate Members

## Corporate Plus



## Corporate



Planetary Geophysics Pty. Ltd.



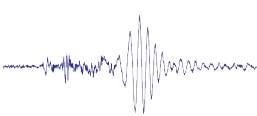
*Geophysical Excellence Around The Globe*



Santos



SKYTEM



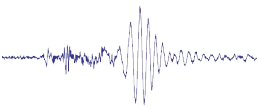


# Branch Sponsors

## WA



## SA/NT



# Our Volunteers - Thank You!



Currently finalising our Volunteer Almanac 2022- ensuring that all volunteers are acknowledged and allowing better record retention.

# Honours and Awards Recipients

Congratulations to all of the recipients!

**ASEG GOLD Medal 2022: Dr Phillip Schmidt**

**Grahame Sands Award: Andrew Duncan & Greg Street**

**Early Achievement Award: Janelle Simpson**

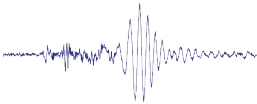
**Shanti Rajagopalan Memorial Award: Blair McKenzie**

**Richard Lane Scholarship: Tom McNamara University of Melbourne**

**ASEG Service Medal: Kate Brand**

**ASEG Service Award: Tania Dhun, Ross Costelloe, Megan Nightingale**

**ASEG Honorary Membership: Ted Tyne, Andrew Mutton**

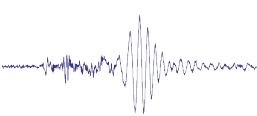
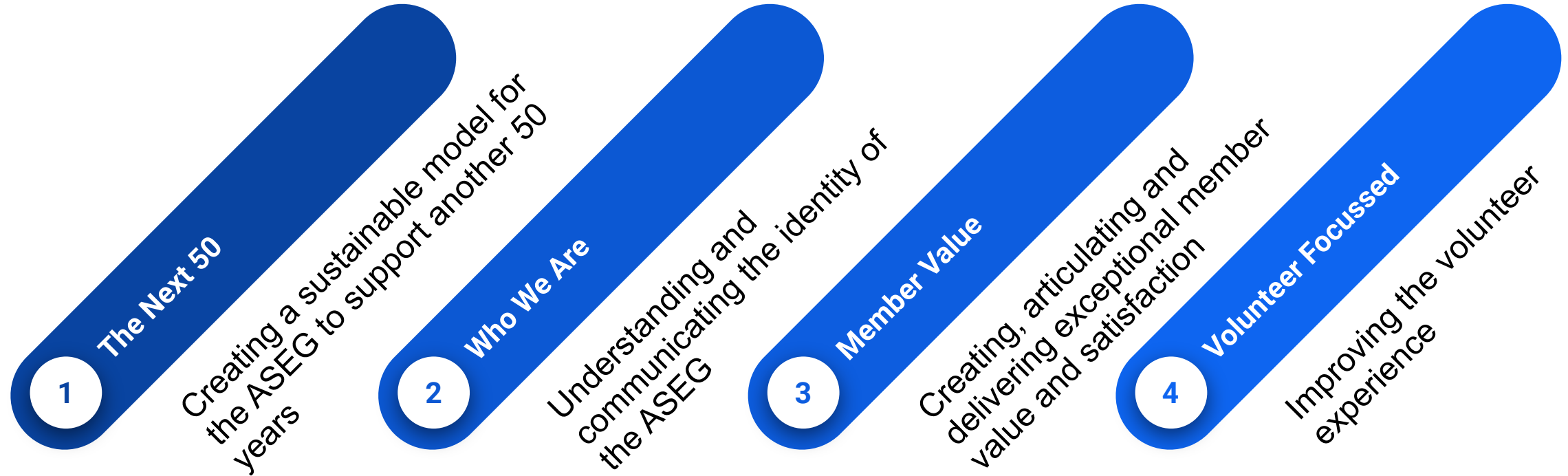






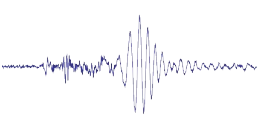
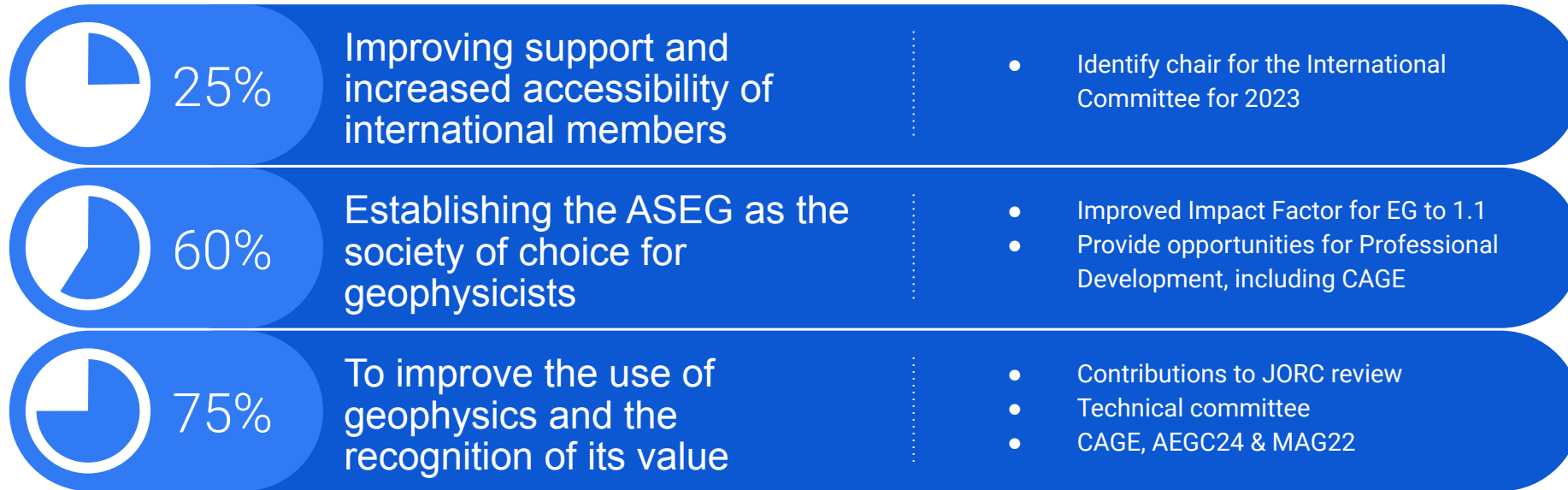
# Highlighting our activities

# Focussed on four key strategic areas:



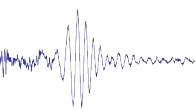
# Outcomes Focussed - Strategy

## Progress Rating





# Outcomes Focussed - Critical Core Business





# AEGC 23 - Current Status



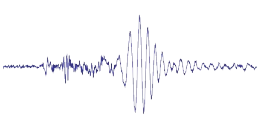


# AEGC 24 and Beyond

AIG, PESA and ASEG have collectively agreed to continue with the AEGC model for 2024 and beyond.

As part of continuous improvement 2 key changes to the model have been implemented:

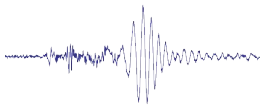
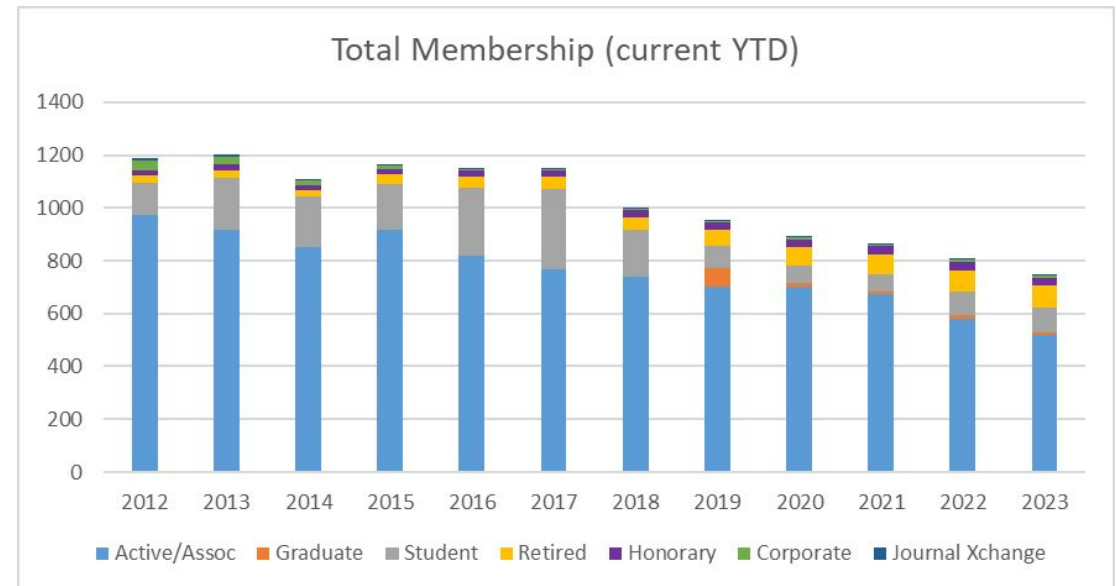
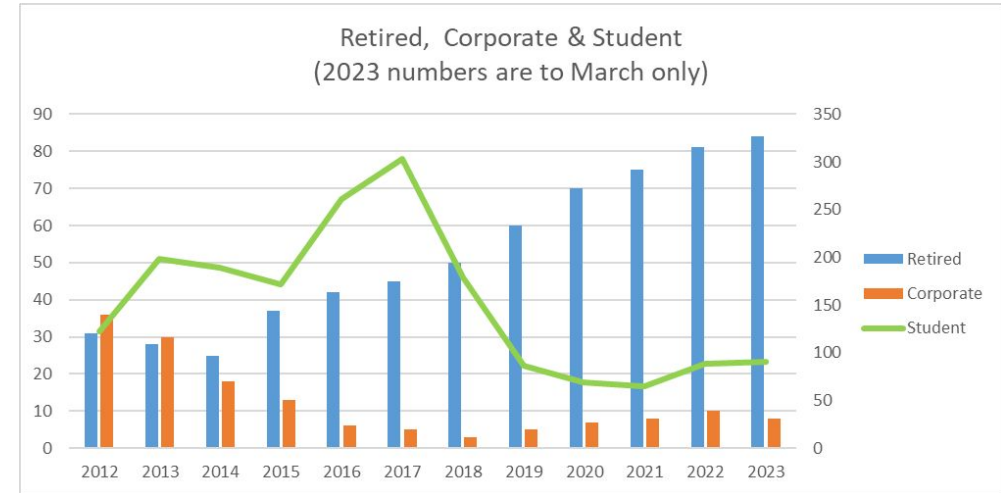
1. Move to a 2 year cycle with a Spring timing
2. Introduction of a new role in the Organising Committee structure - the Technical Director, who is a single point of accountability for the Technical program representing the tripartite interests of the three member organisations.





# Updates from the Committees

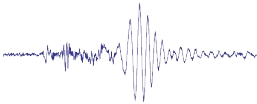
# Membership Committee - Update



# Web Committee - Update

Currently undertaking a website redesign:

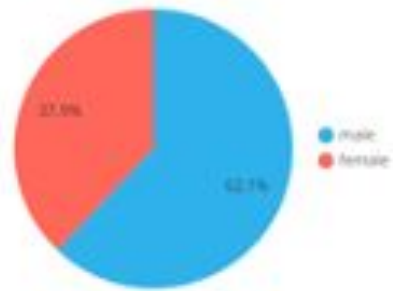
- Fully integrating with membership database
  - No longer redirected to Curinda / associated issues
- Streamlining volunteer duties:
  - There will be no need of eventbrite for events, will track events/member attendance etc.
  - Branch committee will be able to add events etc., to website directly
- To be completed before membership renewals



# Web Committee - Digital Engagement

What's the "gender" split?

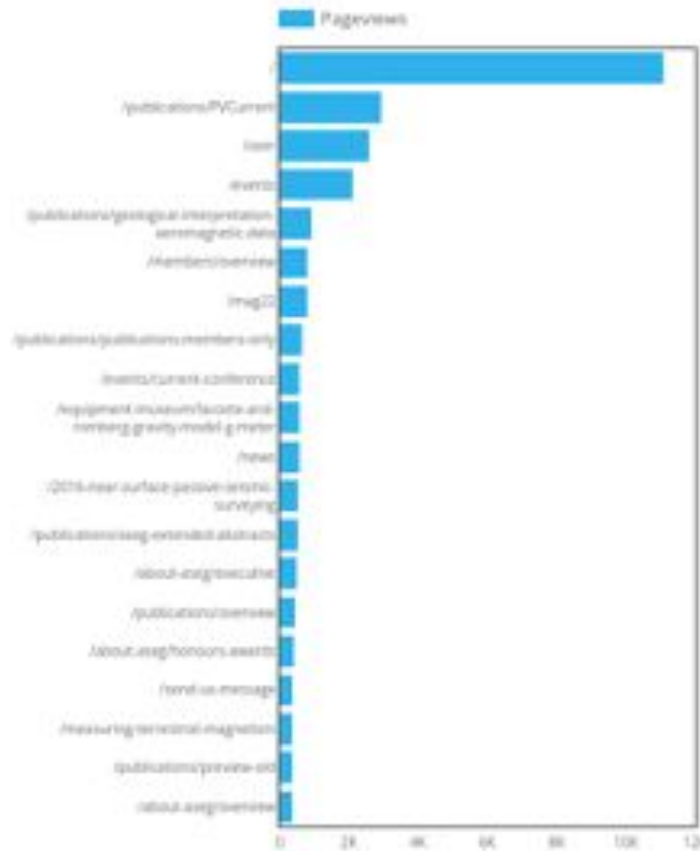
Let's be real, this is oversimplified



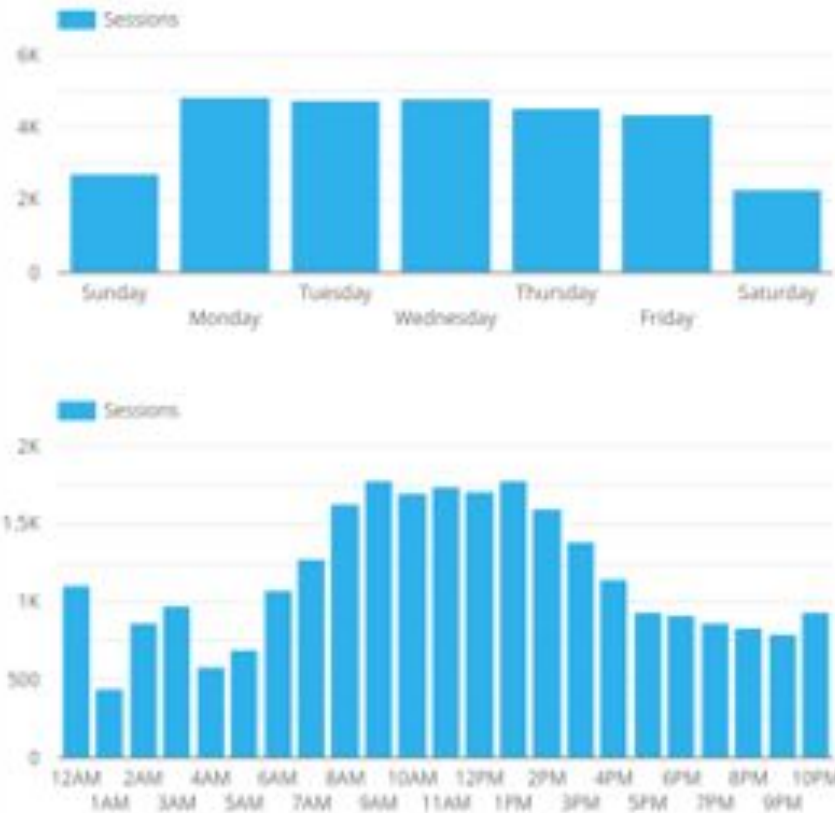
Where do they live?



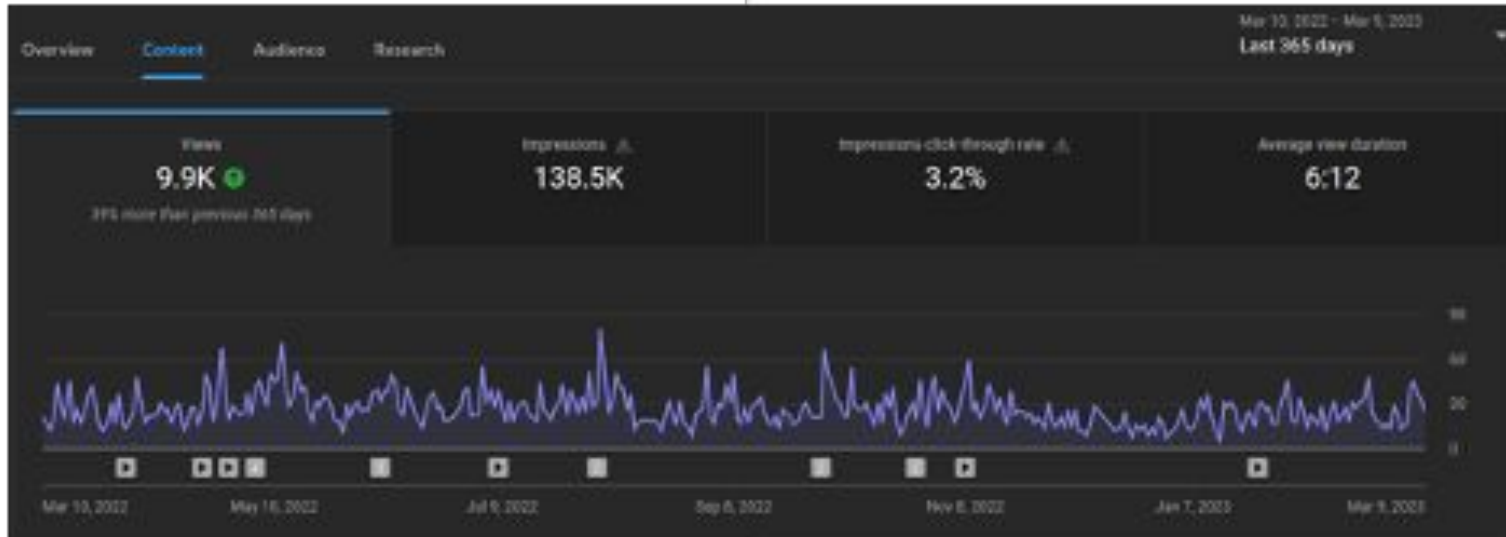
Most viewed pages



When are all users most active? (local timezones)



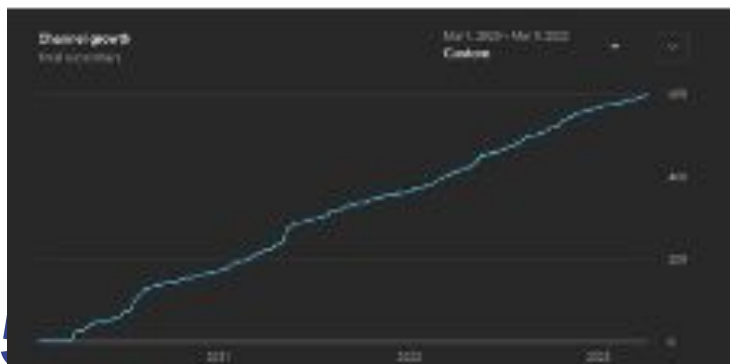
# Web Committee - Youtube Engagement



Where do viewers come from?



## Growth since COVID



	Video Title	Views
1.	Interpreting aeromagnetic data to aid mapping undercover and structural analysis of the Tanami	1,278
2.	Geophysical vectors for iron oxide copper-gold (IOCG) exploration: Concurrency METAL project	897
3.	ASEG Webinar: Passive Seismic - Applications of Ambient Noise Interferometry for Mineral Exploration	603
4.	The use of machine learning in processing remote sensing data for mineral exploration	524
5.	A reflection on applied geophysics to the understanding of Australia's geology and mineral potential	498
6.	Multi-parameter FWI imaging: high-resolution imaging directly from raw field data	410
7.	Airborne Gravity and gravity gradiometry for a high resolution national gravity grid of Australia	274
8.	A completely different geophysical way to explore for sulphides: Heterodyne method	262
9.	Computations methods in Geophysics	224
	<b>Grand total</b>	<b>9,797</b>

Total views

Video Title	Views
Pre-stack Depth Imaging: Challenges in exploration-scale volcanic geobody model building	2,827
ASEG: Gordon Stove (Adrok Ltd.)	2,406
Interpreting aeromagnetic data to aid mapping undercover and structural analysis of the ...	1,898
ASEG: Simon Richards (Adrok Ltd.)	1,351
The application of 2.5D AEM inversion to resource exploration	1,087
Geophysical vectors for iron oxide copper-gold (IOCG) exploration: Concurrency METAL proj...	1,025
Inversion of geostatistically complex reservoir faces models with deep convolutional neu...	1,019
A reflection on applied geophysics to the understanding of Australia's geology and miner...	950
ASEG Webinar: Passive Seismic - Applications of Ambient Noise Interferometry for Minera...	936
State of the Arc: Long Wavelength Geophysics and Macquarie Arc Basement	708
<b>Grand total</b>	<b>28,263</b>



# Publications Committee - Exploration Geophysics

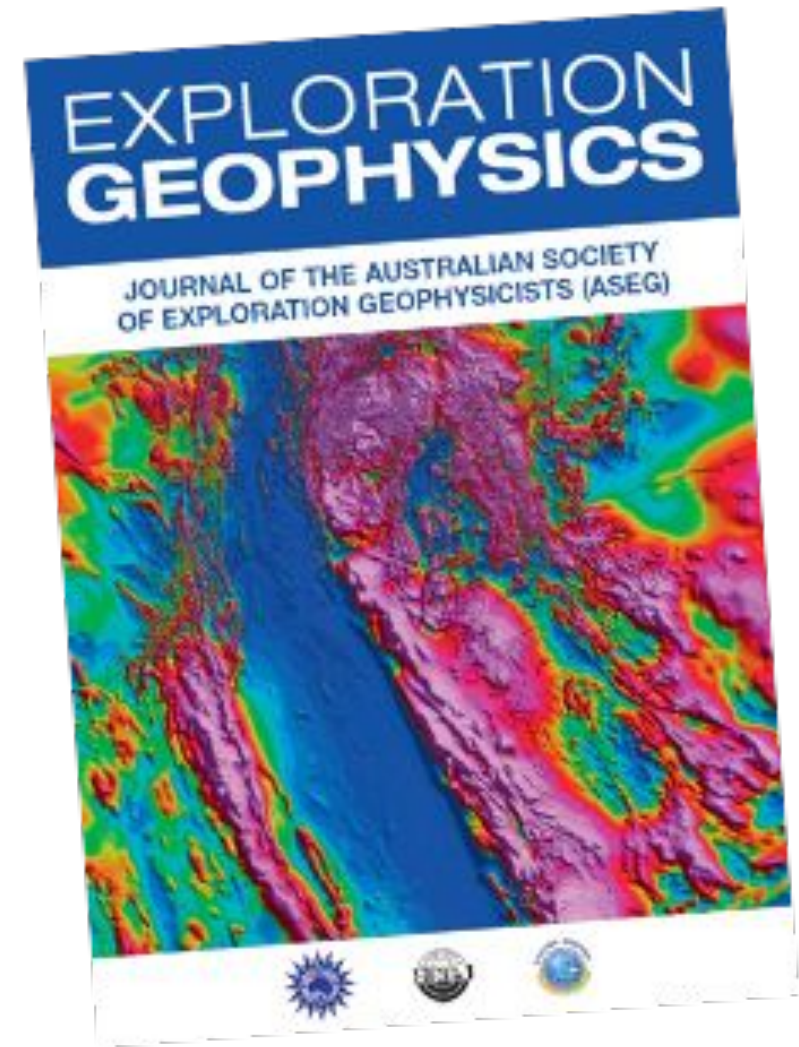
## ***Technical Flagship of ASEG:***

**2021 – Volume 52 (52 Papers)**

**2022 – Volume 53 (50 Papers)**

**2023 – Volume 54 (1) (8 Papers)**

***Thanks: Editor in Chief (Mark Lackie)  
Co-Editors, Associate Editors,  
Technical Reviewers***



# Publications Committee - Preview

## ***What's Happening in ASEG:***

**2021 – Issues 210-215**

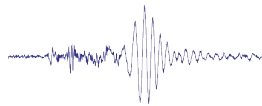
**2022 – Issues 216-221**

**2023 – Issue 222 (AEGC2023)**

***Article Downloads in 2022: 229,506!!***

***Preview Editor: Lisa Worrall***

***Team: Theo Aravanis, David Denham, Marina Pervukhina, Mike Hatch, Terry Harvey, Michael Micenko, Tim Keeping, Ron Hackney, Ian James .....***



# Publications Committee - Extended Abstracts

***Technical Library for 29 ASEG Conferences over 44 years!  
(1979 - 2023)***

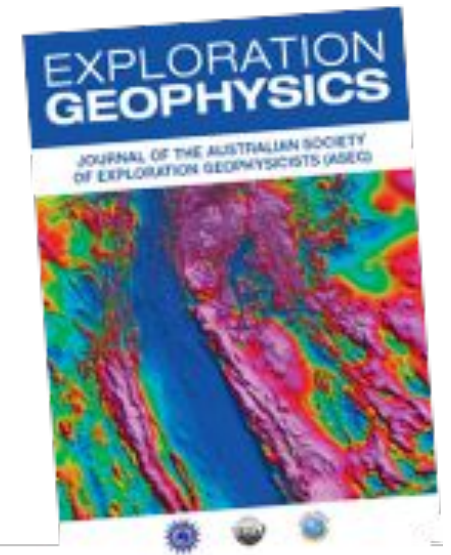
***Joint conferences present challenges!  
A role for ASEG Conference Advisory Committee***

***AEGC 2021 - Published at last!  
AEGC 2023 - Coming soon!***





# Publications Committee - 2023 Focus



***Commercial contracts for EG and Preview***

***Management of Extended Abstracts  
from Joint Conferences***

***Emerging digital publication models  
being explored by ASEG:***

***Full open-access  
Digital self-publication***



**Australian Society of  
Exploration Geophysicists**  
*Extended Abstracts Volume 2021*

***Interested? [publications@aseg.org.au](mailto:publications@aseg.org.au)***



**AEGC 2021 - Published at last!**  
**AEGC 2023 – Coming soon!**



# Communications Committee - Update



Australian Society of  
Exploration Geophysicists

Australian Society of  
Exploration Geophysicists

**PREVIEW**

**CAGE 2022**  
CAMP FOR APPLIED GEOPHYSICS EXCELLENCE

APPLICATIONS CLOSE JUNE 30!

**WHEN & WHERE**  
Friday 23rd to Friday  
September 2022, in  
Australia.

**AEGC**  
Australasian Exploration  
Geoscience Conference

13 - 18 MARCH 2023  
BRISBANE CONVENTION AND EXHIBITION CENTRE

[www.2023.aegc.com.au](http://www.2023.aegc.com.au)  
[aegc@arinex.com.au](mailto:aegc@arinex.com.au)  
#aegc2023



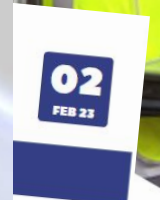
McNamara  
e 2022



**mag22**

**Geophysics:**

a wide range of case studies  
of mineral deposits.



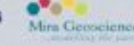
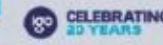
est Perth

ENTS



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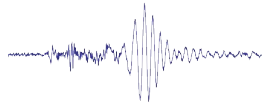
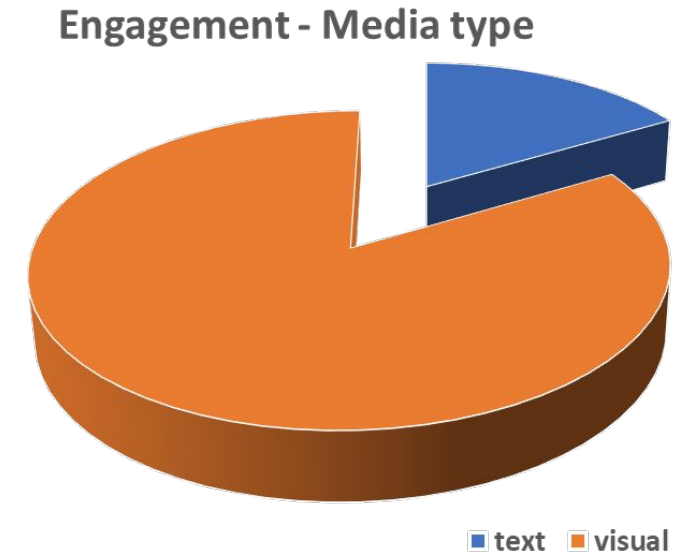
16/03/2023



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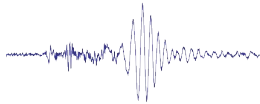
# Communications Committee - 2023 Focus

- Adapt our communication strategy to keep in line with current successful geoscience communicators
  - More visual content = more engagement
  - Re-watchable content (e.g., recorded tech talks available to members)
- Facilitate better inter-communication between state branches
- Provide an active role for joint society events & conferences (e.g., AEGC)
- Consistent event promotions (timing and branding)
- Diversify our committee (& therefore our society)
- Actively seek an instagram facilitator to engage the next generation of geophysicists



# Technical Standards Committee - Update

- Submission to [JORC update](#) concerning the proper role of geophysics and geophysicists as Competent Persons in public company reports to the ASX
  - Kim Frankcombe & Dave Pratt
- Maintenance of [ASEG Technical Standards web page](#)
  - referred to by official Australian requirements for the submission of digital exploration data
  - home of ASEG-GDF2 standard for magnetic, radiometric & gravity data
- Investigating standard format suitability for airborne gravity data based on Kauring test range flights
- Magnetic susceptibility field measurement guide draft (*Preview 214*)
- Ongoing discussions: FAQ for geophysical exploration reporters and meta-documenting proprietary file formats, making ASEG-GDF2 machine-readable





# CAGE 2022

## CAMP FOR APPLIED GEOPHYSICS EXCELLENCE

APPLICATIONS CLOSE JUNE 30!



### WHAT IS CAGE?

A FREE seven-day field camp where you will be joined by industry leaders, learning real-world applications of major geophysical methods.

### WHO CAN ATTEND?

3rd year BSc, Hons, MSc & PhD students and early career geoscientists are encouraged to apply- places are limited.

### WHEN & WHERE?

Friday 23rd to Friday 30th of September 2022, in South Australia.



Australian Society of  
Exploration Geophysicists



**AuScope**

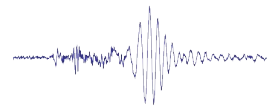


# CAGE Reviews

*"Coming from a developing country like India, during my master's, getting hands-on experience in acquiring, processing, and interpreting geophysical data is not possible at my University due to budget constraints. This experience made me confident to say that I am now a Geophysicist."*

*"This was a great camp- I feel like I learned a semester's worth of geophysics skills in a week, and I had a lot of fun and made good connections with my peers in the process"*

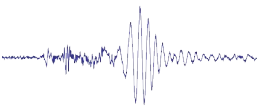
*"Although it was full on, it was definitely worth the effort. It was so inspiring to hear all the speakers and made me excited for all the things geophysics can be applied to."*



# Thank you – Outgoing Federal Executive



Leslie Atkinson





# 3. President's Report

*Online - ask questions through the Chat box*

*In person - please raise your hand*



## **Motion 2:**

The Annual General Meeting accepts the report of the President.

