



Australian Society of
Exploration Geophysicists

President's Report
Annual General Meeting 2024



Recognizing our Leaders, Sponsors & Volunteers



FEDEX



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Mikayla
Sambrooks
Communications



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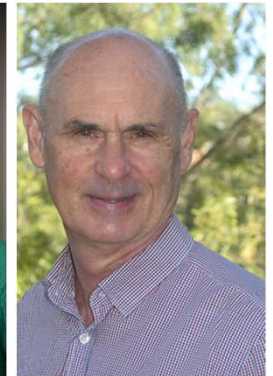
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Liaison



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ACT Branch

President Wenping Jiang
Secretary Mike Barlow

QLD Branch

President Nick Josephs
Secretary Tim Dean

TAS Branch

President Tjaart de Wit
Secretary Matt Cracknell

VIC Branch

President Thong Huynh
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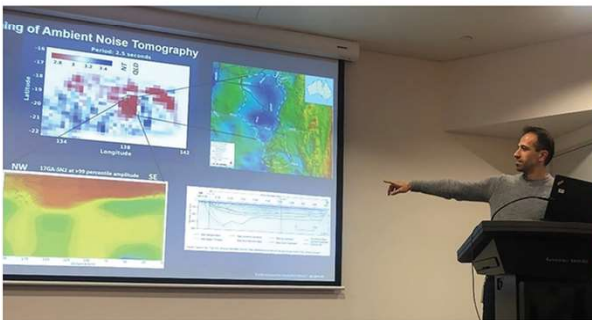
President Paul Soeffky
Secretary Vacant
NT Representative Tania Dhu

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President Stuart Clark
Secretary Harikrishnan Nalinakumar

WA Branch

President Michel Nzikou
Secretary Timothy Hill



Corporate Members

Corporate Plus



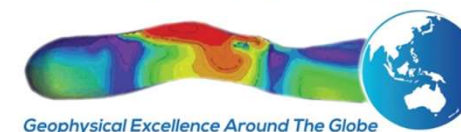
Corporate



SEISMIC ASIA PACIFIC
The Equipment Integration Specialists



Planetary Geophysics Pty. Ltd.



Santos



SOUTHERN GEOSCIENCE
CONSULTANTS



Transparent Earth
GEOPHYSICS



Branch Sponsors

WA



Private donation
in memory of
Marion Rose

SA/NT



QLD



Our Volunteers - Thank You!



Currently finalising our Volunteer Almanac 2023- ensuring that all volunteers are acknowledged and allowing better record retention.



Honours and Awards Recipients

Congratulations to all 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 Dhu, Ross Costelloe, Megan Nightingale**

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



Next H&A Presentation at DISCOVER



Research Foundation

Congratulations to all of the recipients!

Thank you to Corporate and Member donations that allows the support of these projects.

Institution	Supervisor	Student	Degree	Years	Topic
University of WA	Prof Mike Dentith	Abhijit Kurup	BSc (Hons)	1	Understanding Magnetic Responses in the High-Grade Gneiss Terrains in the Yilgarn Craton, Western Australia
Monash University	Prof Peter Betts	Alanis Olesch-Byrne	PhD	2	Investigating the Link between Mineralised Shear Zones and Subsurface Granites for Rare Earth Element Exploration in Australia: A Geophysical Study of the Mary Kathleen Syncline
University of Adelaide	Prof Simon Holford	Iain Campbell	PhD	3	Geophysical-geomechanical constraints on the operating limits for basin-scale CO2 storage



Highlighting our activities

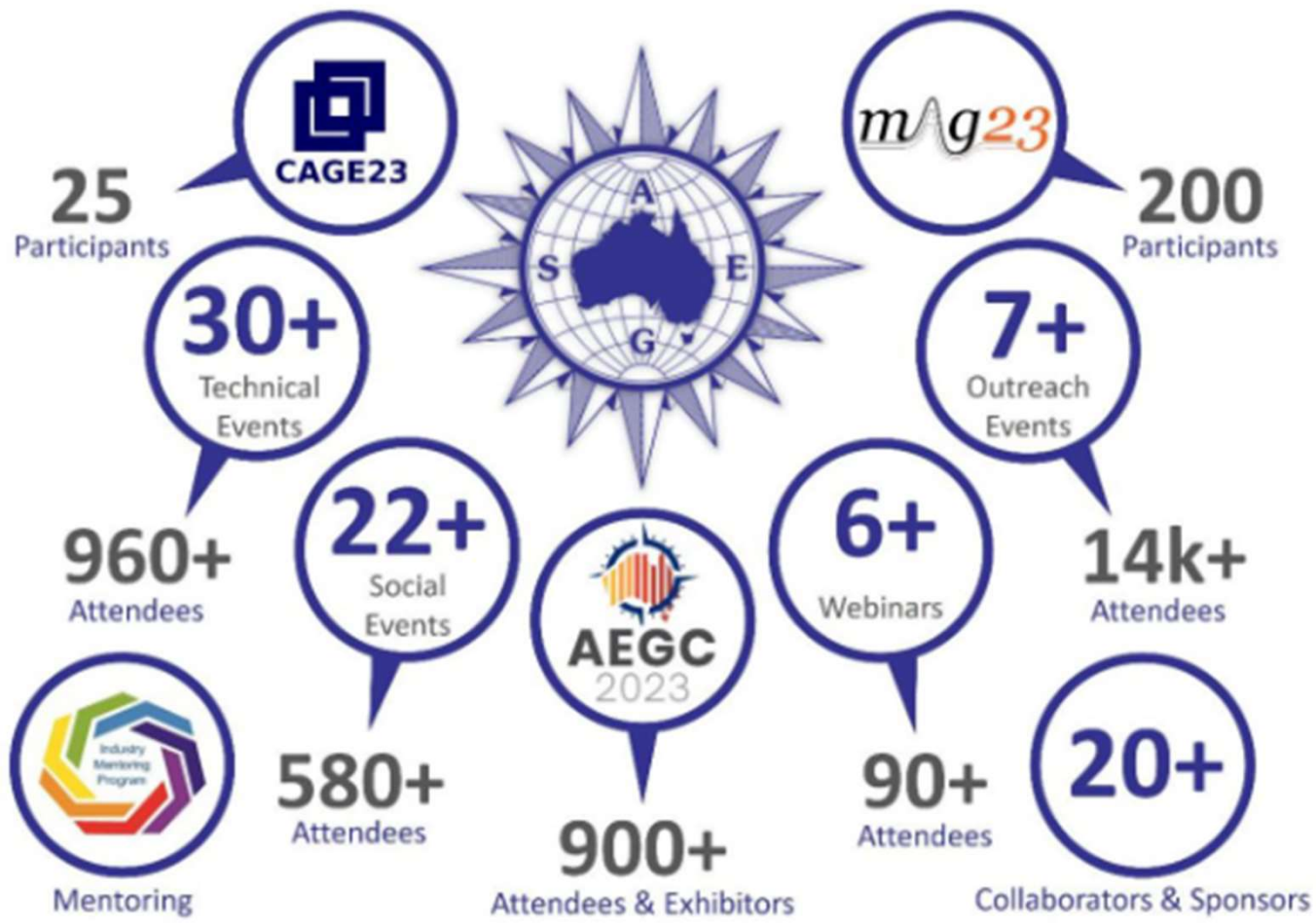


Priorities for the 2023 FedEx

- Growing the geophysical capabilities of exploration geophysics
- Revitalising publications with a focus on relevance to members
- Increasing branch impact and improving content accessibility
- Creating content to better articulate volunteer expectations and onboarding
- Off-year ASEG event planning



ASEG: 2023 Year In Review



DISCOVER '24 - Current Status

**EARLY BIRD REGISTRATION
NOW OPEN**

DON'T MISS OUT ON THE CHANCE TO JOIN US FOR
THE GLOBALLY PRE-EMINENT APPLIED GEOPHYSICAL EVENT

SECURE YOUR SPOT NOW AND TAKE ADVANTAGE OF OUR
EARLY BIRD DISCOUNTS!



JOIN US IN
WREST POINT HOTEL
HOBART, TASMANIA
15 - 18 OCT 2024

REGISTER NOW

ASEG 2024



15-18 OCTOBER

Wrest Point Hotel, Hobart, Tasmania

AUSTRALIAN SOCIETY OF
EXPLORATION GEOPHYSICISTS

**1ST ASEG
DISCOVER
SYMPOSIUM**

www.asegdiscover.com.au



Organising Committee

Eric Battig

Astrid Carlton

Tim Dean

Mark Duffett

Jarrold Dunne

Bob Findlay

Suzanne Haydon

Ian James

Andrew Long

Tim Munday

James Reid

Alexandra Roslin

Mikayla Sambrooks

Janelle Simpson

Tjaart de Wit

**CALL FOR ABSTRACTS
NOW OPEN**

SUBMIT YOUR ABSTRACTS BY 1 JULY 2024

FOR SUBMISSION GUIDELINES AND SECURE YOUR SPOT IN
THE TECHNICAL PROGRAM. DON'T MISS OUT!

SPONSORSHIP & EXHIBITION PROSPECTUS

Our Speakers



Mark Grujic
Chief Technology Officer,
Datarock



Lindsey Heagy
Assistant Professor, University
of British Columbia



Simon Lang
Sequence stratigraphy &
sedimentology, The University
of Western Australia



Dr Kate Selway
Managing Director, Vox
Geophysics



Jared Townsend
Principal Innovation, Think &
Act Differently, Powered by
BHP



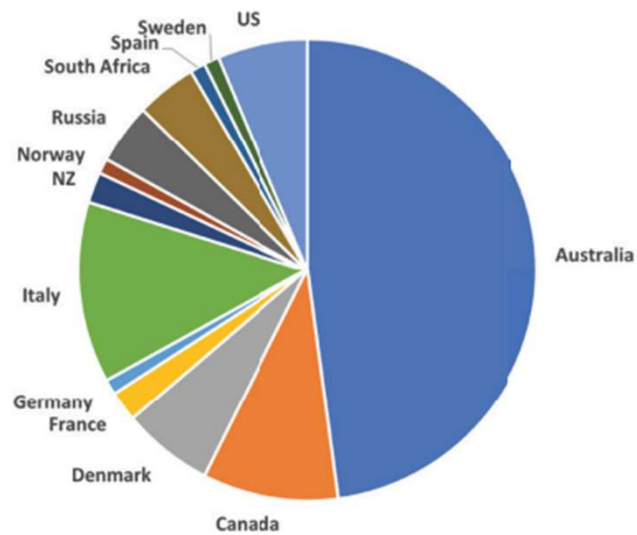
Australian Society of
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AEM 2023

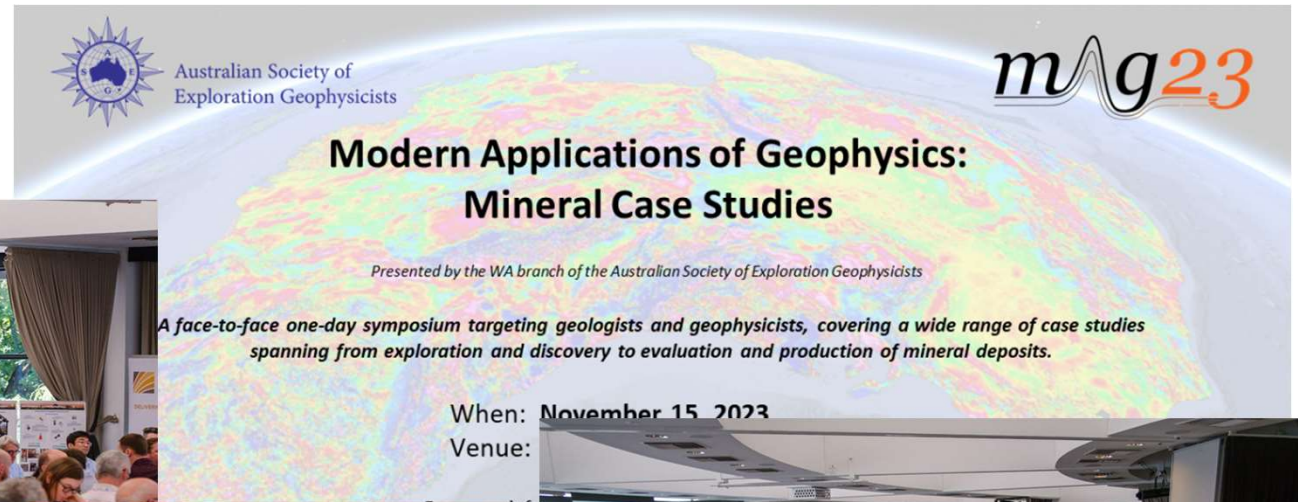
95 delegates from 13 countries.


60 papers presented, covering all aspects of airborne electromagnetics.



MAG '23

200+ participants.



 Australian Society of
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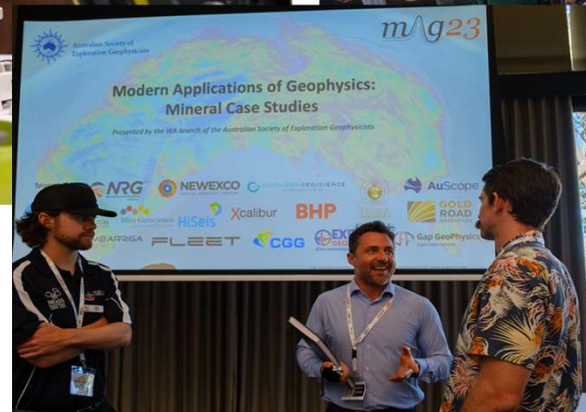
mag23

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 15, 2023**
Venue:



Updates from the Committees

2023 Progress – Education

Collaborating with AusIMM

- Support to review and create course content. First course (Geophysics for Mining Professionals) is aimed at educating members working closely with geophysicists. Going forward, focus will be on providing a course to upskill geophysicists outside of the mining industry.

Supporting Geoscience education in schools

- Reaching out to organisations who promote geoscience education in schools. Understanding how ASEG can support and reviewing proposals to create some strategic long terms alliances.

Providing resources to State Branches

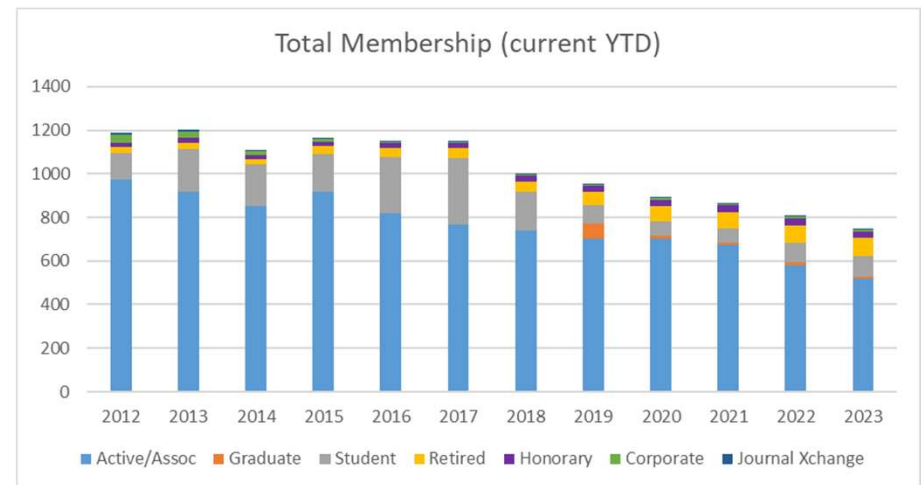
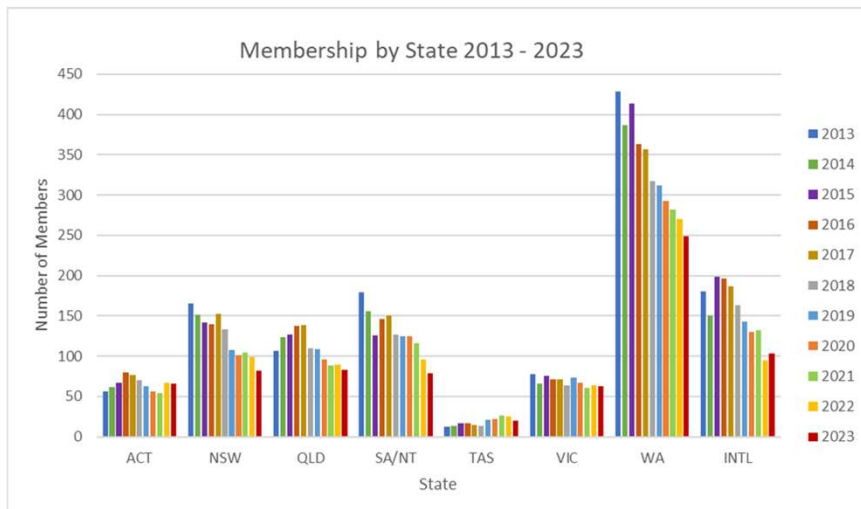
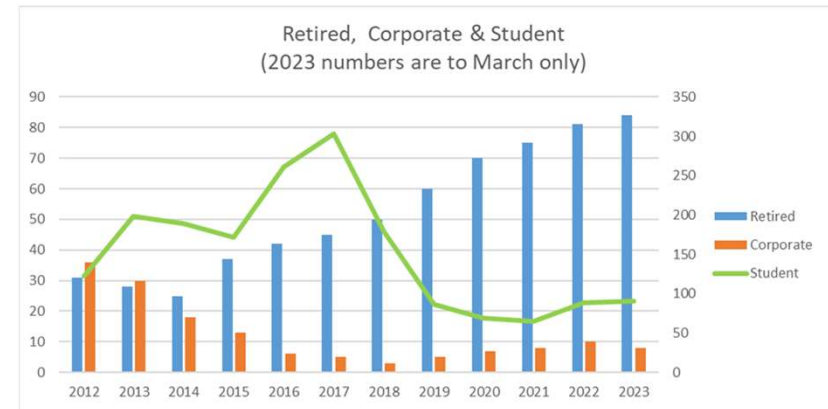
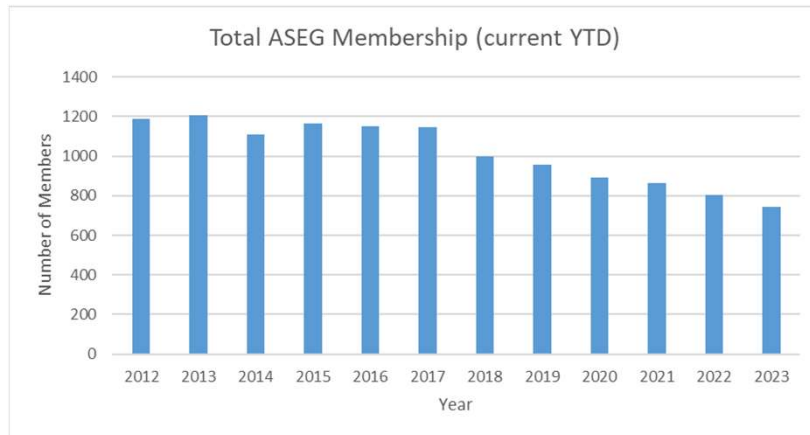
- Sharing resources/content on the website to support school visits and other educational opportunities.

CAGE

- Succesfull 2023 and planning for 2024 well underway (Forrestania)



Membership Committee - Update



Web Committee - Update

Completed email migration to Gmail

- Improved email security & considerable functionality
- All ASEG office-bearers to use Gmail accounts (facilitate hand-overs; data retention; etc) and ability to set up any additional accounts (e.g. CAGE)
- Free Google Workspace access for ASEG (Not-for-profit status)

Website redesign near completion:

- Fully integrating with membership database
 - No longer redirected to Curinda / associated issues

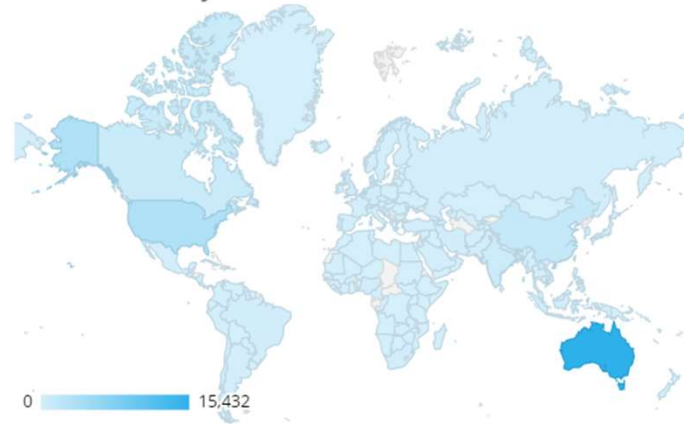
Streamlining volunteer duties:

- 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



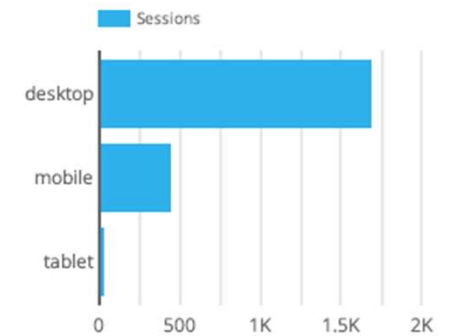
Web Committee - Digital Engagement

Where do they live?



What devices are people using?

Don't forget to be mobile friendly



Landing page	Sessions
1. /	509
2. (not set)	202
3. /events/current-conference	137
4. /equipment-museum/lacoste-...	90
5. /publications/PVCurrent	89
6. /publications/aseg-extended-a...	81
7. /events	50

1 - 100 / 259 < >

	Facebook	LinkedIn	Twitter
Page Views	1,154 2,115	4,799 8,752	23
New Followers	1 7	59 87	1 3
Total Followers	1,578 1,584	3,220 3,307	576 579
Post Reach	951 1,772	7,730 15,178	908 1,904
Post engagement	24 15	179 402	9 18
Number of posts	7 13	8 13	7 13
Top Post	"Last week #ASEG NSW hosted its AGM and first technical meeting of 2024..."	"In honour of International Womens Day 2024, we would like to celebrate Dr Yvette Poudjom Djomani, an Geoscience Austra..."	"Registrations for the ASEG Discover 2024 are officially OPEN.."
Top Post Impressions	927 1,942	8,656 15,757	197 304

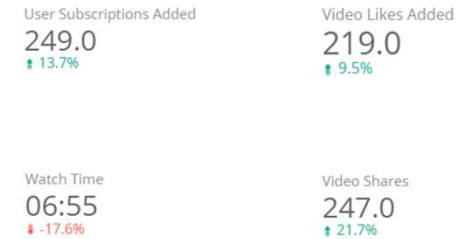
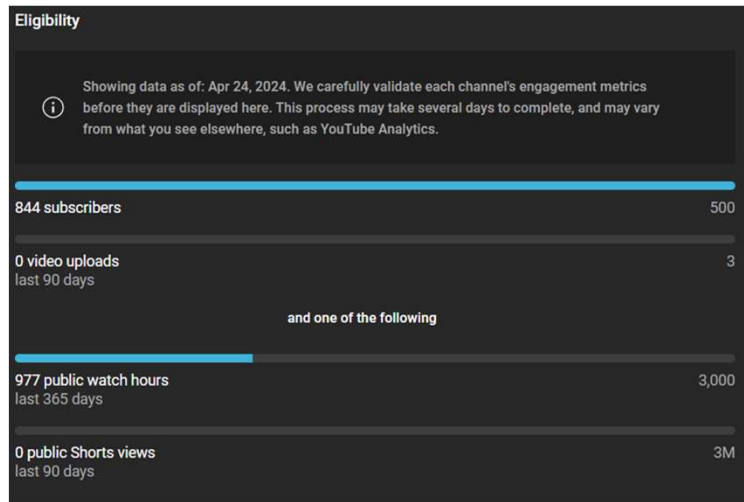
Engagement=clicks+shares+likes+comments

Green indicates an improvement from the previous month (which is shown in black) and red a decline since the previous month.



Web Committee - Youtube Engagement

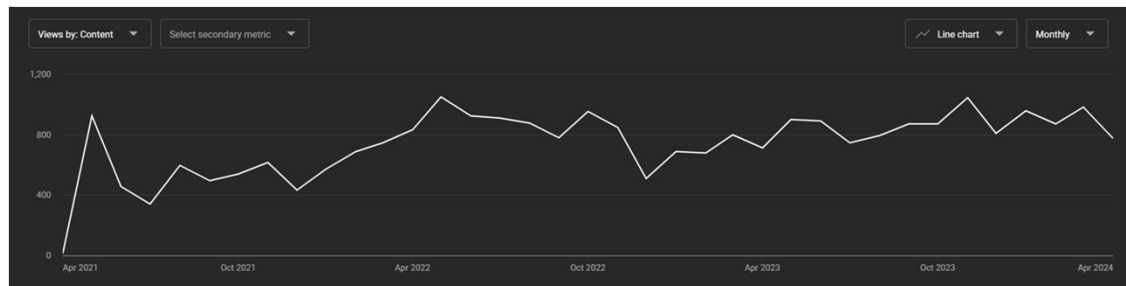
Slowly getting closer to monetising YouTube



What are people watching this month?

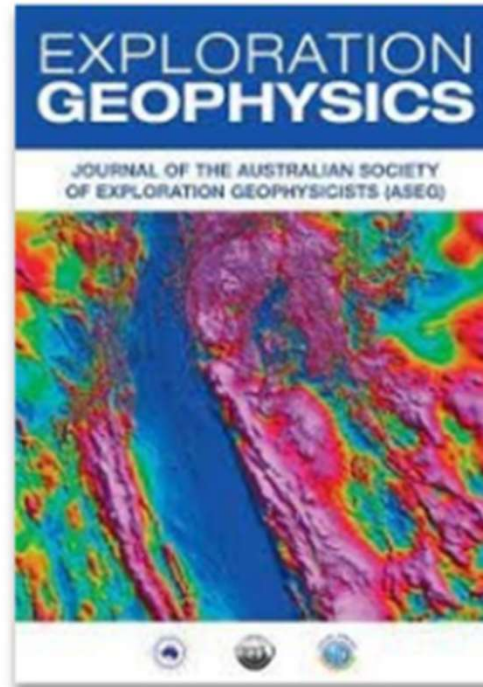
Video Title	Views
1. Interpreting aeromagnetic data to aid mapping undercover and structural analysis of the Tanami	1,276
2. Multi-parameter FWI imaging: high-resolution imaging directly from raw field data	915
3. Geophysical vectors for iron oxide copper-gold (IOCG) exploration: Cloncurry METAL project	673
4. The use of machine learning in processing remote sensing data for mineral exploration	596
5. ASEG Webinar: Passive Seismic - Applications of Ambient Noise Interferometry for Mineral Exploration	575
6. Induced Polarization effects in Electromagnetic data: opportunity or waste of time?	415
7. Scalable Streamlining of Ambient Noise Tomography: A Simple Automated Approach for...	395
8. Airborne Gravity and gravity gradiometry for a high resolution national gravity grid of Australia	387
9. An explanation for the distribution of Broken Hill style mineralisation	291
Grand total	10,549

Views per month X2 in 3 years



Publications Committee - Exploration Geophysics

6
Issues



49
Articles

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



Publications Committee - Preview

6
Issues



Thanks: Lisa Worrall (Editor & Advertising), Assistant Editor, Associate Editors, Designer, Printer

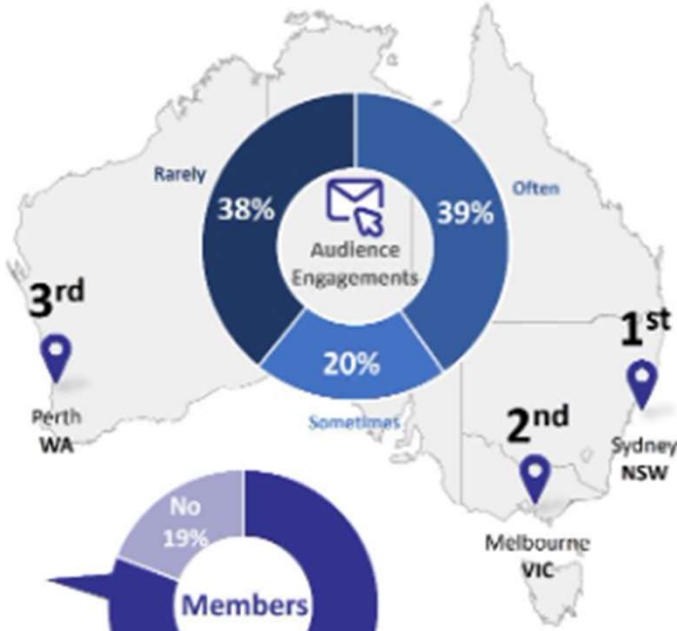


Publications Committee - Update

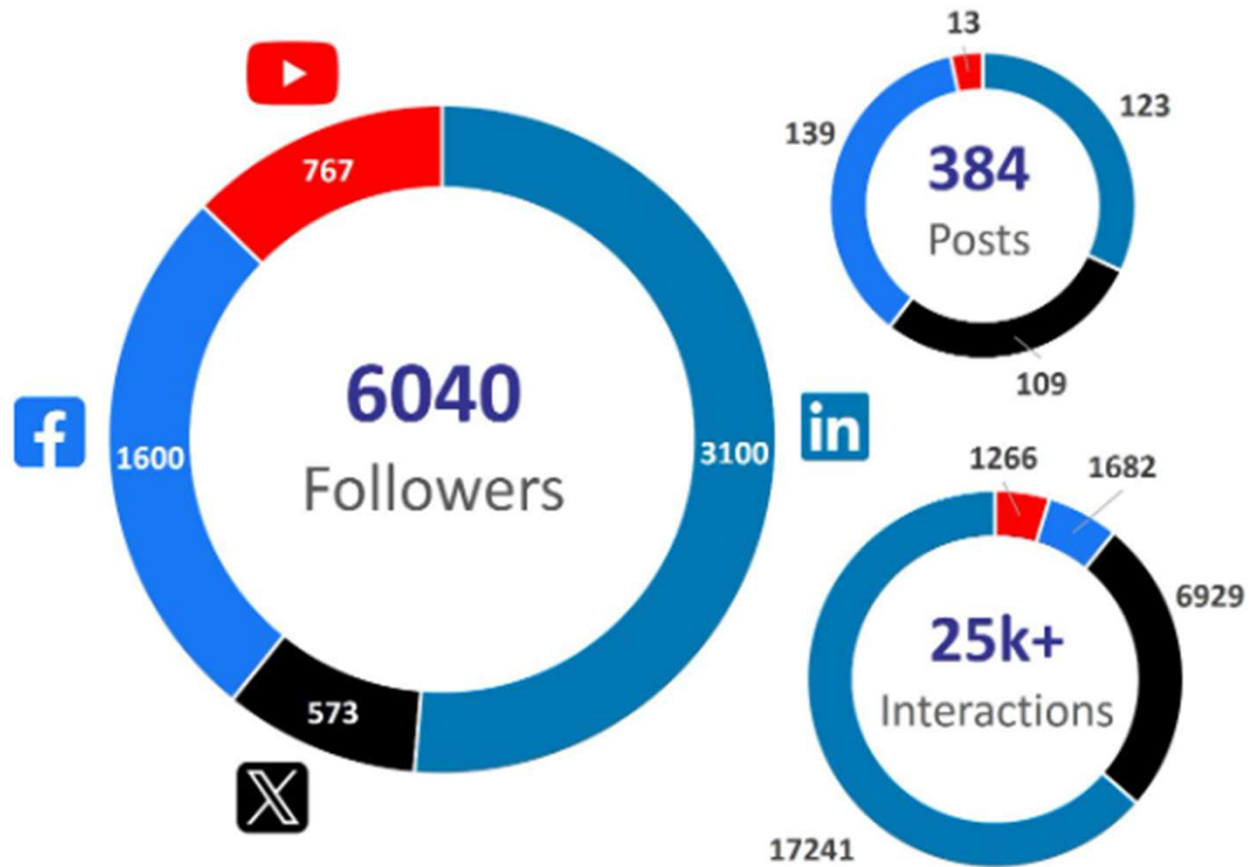
- ❑ AEGC 2023 Extended Abstracts Published
 - ❑ Licence is Creative Commons Attribution NonCommercial NoDerivatives (CC BY-NC-ND)
- ❑ Working with DISCOVER '24 committee to streamline publication
- ❑ *EG* commercial contract review
- ❑ *Preview* Self Publication
 - ❑ Outsourced design/layout and print/distribution
 - ❑ Open Journal System publication
 - ❑ ASEG managed content sourcing, advertising and copy-editing



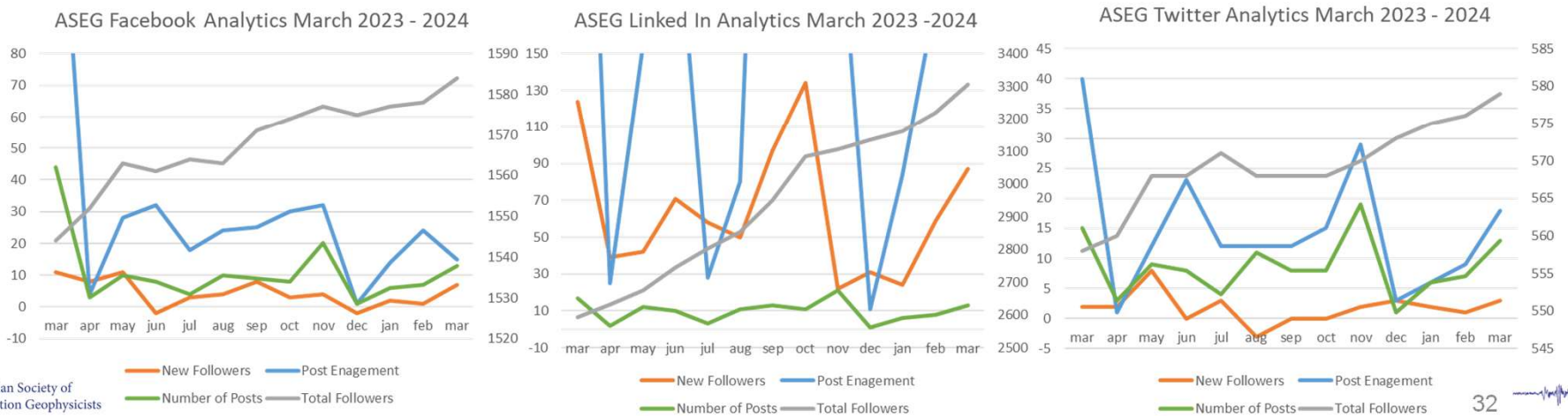
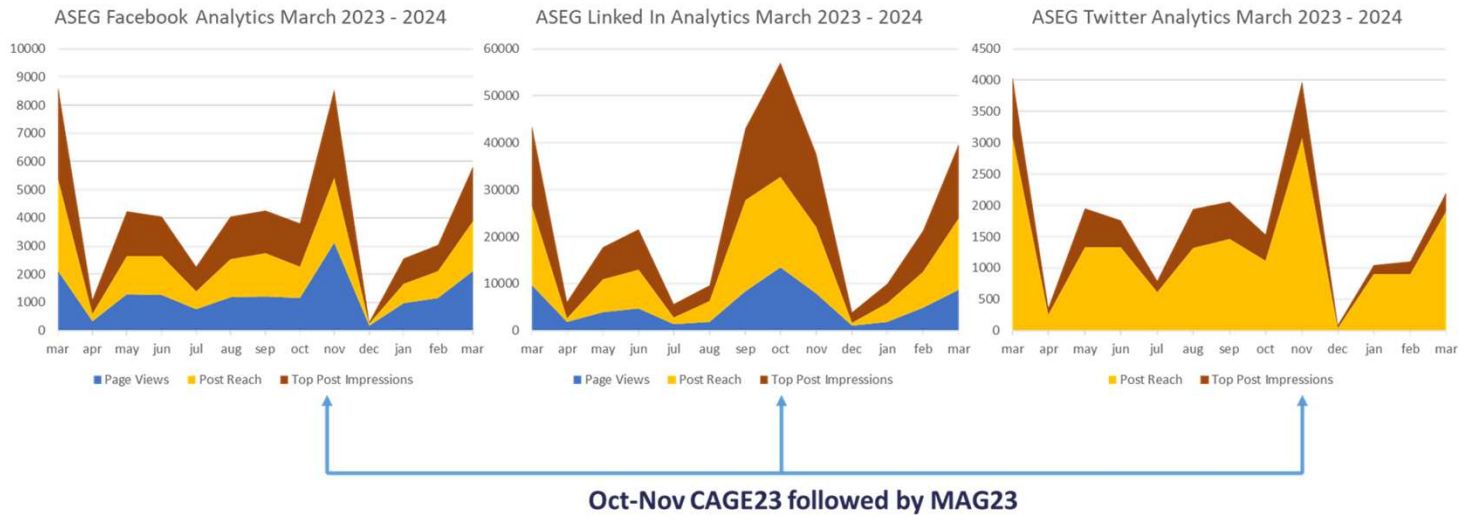
Newsletter



Communications Committee - Update



Communications Committee – Year in Review



Communications Committee - 2024 Goals

- Content output
 - Recover the video interviews conducted in early 2022(?) and process/edit to be published on the new website or YouTube.
- Consistent comms processes across the ASEG
 - Disseminate comms strategy and social media guide to all state branches post 2024 AGM
 - Become more aligned and meet regularly with Newsletter & Preview & Publications committees
- Member & branch engagement
 - Provide more opportunities for members to **actively** engage with ASEG (surveys, minigames, poles, reaction prompts etc).
 - Actively engage with branch committees to provide support where required.
 - Automate process to proactively seek content from branch committees on a scheduled regular basis. Calendar schedule to come.



Technical Standards Committee 2023-24

- Endorsement and support of Guidelines for Drone Geophysics
- Considered:
 - magnetic & radiometric data nomenclature
 - self-describing formats (HDF5) e.g. MTH5 for MT & netCDF-based alternatives to ASEG-GDF2
 - opening the .gdb format
- Contributed to OSDU® gravity and magnetic data standards consideration
- Most recent full meeting 27/4/23



CAGE 2023



CAGE23
CAMP FOR APPLIED
GEOPHYSICS EXCELLENCE

BHP



AuScope



Australian Society of
Exploration Geophysicists



Rio Tinto



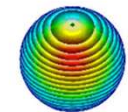
Teck



Australian Government
Geoscience Australia



AirGEO



CAGE23

CAMP FOR APPLIED GEOPHYSICS EXCELLENCE



Dr Kate Brand is co-convenor of CAGE and the Professional Development Chair of the Australian Society of Exploration Geophysicists (ASEG). Kate manages the Australian Space Weather Forecasting Centre at the Bureau of Meteorology in Adelaide. Kate has been involved in all aspects of CAGE planning and is a key contact should you have any questions, on continuingeducation@aseg.org.au or 0432 642 200.



Dr Kate Selway is co-convenor of CAGE, Managing Director of Vox Geophysics and an Adjunct Associate Professor at the University of Tasmania. Kate is based in Perth, will be at CAGE for its duration and is another key contact for any questions you might have regarding CAGE. She can be contacted on kate@voxgeophysics.com.au or 0491 237 572.



Dr Sasha Aivazpourporgou is a Senior Geophysicist with the Geological Survey of Queensland and was previously at the University of Queensland. Sasha has been involved in organising logistics for CAGE and will lead the induced polarization processing and inversion session.



Dr Teagan Blaikie is a Principal Interpretation Geoscientist with Southern Geoscience Consultants, based in Perth, having previously worked at the CSIRO and the Northern Territory Geological Survey. Teagan will lead the ground magnetic field data collection session and the magnetic processing and inversion session.



Ian James is a Principal Geophysicist with Southern Geoscience Consultants. Ian's expertise is seismic methods and he has previously worked for GroundProbe Geophysics, Terraspect and HiSeis. Ian will lead the seismic field data collection and the seismic processing and inversion session for CAGE.



Dr James Reid is Principal Consultant with Mira Geoscience, based in Perth. James is an expert in electromagnetic geophysical methods and inversion and he will lead the EM processing and modelling session at CAGE, as well as leading training in Mira's Geoscience Analyst software.



Mikayla Sambrooks is a Geophysicist at Newcrest Mining and is the most recent graduate of our CAGE leadership group, completing an MSc at the University of Melbourne in 2020. Mikayla has assisted with CAGE logistics, selections and communications and will also provide support in the field and processing sessions.



Pete Eccleston is a Senior Geophysicist with GBG Group and has previously worked with GBGMAPS, GroundProbe, Horizon Geosolutions and Coffey Geotechnics. Pete will support the seismic processing and inversion session at CAGE.



Mike Whitford is Chief Geophysicist with IGO Ltd., based in Perth. Mike's particular expertise is EM geophysics and he will be leading the field EM data collection, and has also coordinated CAGE accommodation at the IGO Forresteria camp.

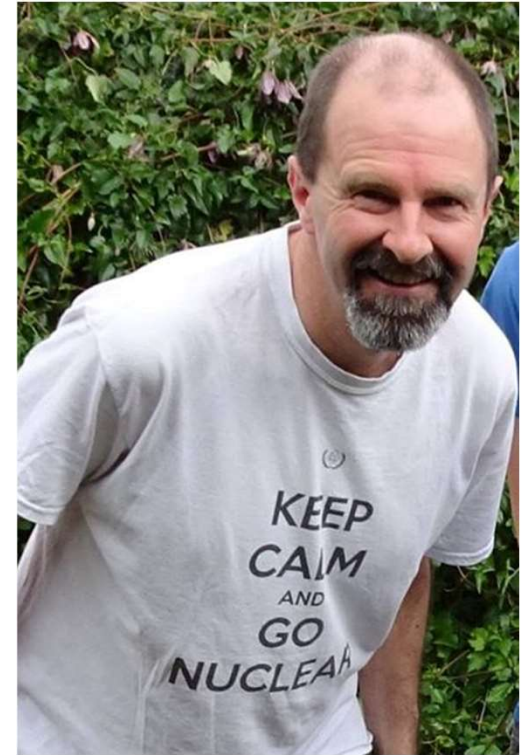
Thank you! – Outgoing Federal Executive



Emma Brand



Kate Brand



Mark Duffett



4. 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.

