

## President's piece

Twelve months have certainly flown by very quickly. Hard to believe that this will be my final President's piece in *Preview*. It has been a busy and rewarding year and the ASEG continued to grow from strength to strength. While our traditional ASEG activities have continued throughout the year, the ASEG FedEx has also been busy improving its governance framework. In light of this work, many outdated policies and procedures have been reviewed and updated; such as our Code of Ethics. It is important that as our membership continues to grow we remain proactive about how we manage our affairs internally and the external image that we portray. Our membership survey highlighted the increasing diversity we have within our Society and we must remain cognisant of how we manage the inclusivity of such diversity. This body of work will continue during 2018 as more policies and procedures get reviewed.

It was also a year of firsts, with the first combined conference, when we joined our

sister societies, AIG and PESA, in Sydney in February. As I discussed in my opening address at the conference, the role of geophysics continues to be important in the exploration industry and is well recognised as such by the Australian Government. In a 2015 publication, developed for investors in minerals and petroleum industry, our government recognised its importance by stating: 'Modern exploration uses a multi-disciplinary approach drawing on advanced knowledge in geophysics, geochemistry and geology, and new exploration tools. New and adapted exploration technologies and techniques have been developed for exploring beneath the cover materials, which blanket extensive areas of the Australian continent. Chief amongst these has been the application of state-of-the-art geophysical surveys to define the distribution of rock types and structure at and beneath the surface, and to identify anomalies potentially related to the presence of mineralisation'.

The AEGC 2018 was a stepping stone in the continued promotion of an integrated approach to the exploration and development of our resources; mineral, petroleum and natural resources. Future conferences will continue to build on this platform and I encourage you to continue to show strong support for the next AEGC, to be held in Perth.

I would like to thank my current FedEx for the support and challenges they have provided during the past 12 months; it has been professionally rewarding and I have felt privileged to have been able to serve my Society in this capacity. I encourage you all to remain engaged with the 2018 FedEx and, if you have the ability to do so, please assist the ASEG in either a State Branch or FedEx capacity.

*Andrea Rutley*  
*ASEG President*  
[president@aseg.org.au](mailto:president@aseg.org.au)



*Andrea Rutley, the outgoing ASEG President, addresses the opening ceremony of the AEGC 2018 in Sydney.*

## Welcome to new Members

The ASEG extends a warm welcome to 18 new Members approved by the Federal Executive at its January, February and March meetings (see Table).

First name	Last name	Organisation	State	Country	Membership type
Faisal Ur Rahman	Awan	Edith Cowan University	WA	Australia	Student
Kymren	Boelling-McDougall	Macquarie University	NSW	Australia	Student
Stuart	Clark	UNSW	NSW	Australia	Active
Tim	Dohey	Newmont Mining	WA	Australia	Active
Brodie	Klue	Golder Associates	QLD	Australia	Active
Drew	Lubiniecki	Adelaide University	SA	Australia	Student
Muhammad	Nizamani	Geological Survey of Pakistan	Sindh	Pakistan	Associate
Abdulwaheed	Ogunsami	Australian National University	ACT	Australia	Student
Madison	Page	Macquarie University	NSW	Australia	Student
James	Parslow	University of Newcastle	NSW	Australia	Student
Margarita	Pavlova	Lattice Energy	QLD	Australia	Active
Carolina	Pimentel	CGG Services Australia	WA	Australia	Active
Alicia	Pollett	University of South Australia	SA	Australia	Student
Luke	Smith	Macquarie University	NSW	Australia	Active
Peter	Staples	Cosmopolitan Minerals	WA	Australia	Active
Alastair	Stark	Adelaide University	SA	Australia	Student
Daniel	Thompson	Contractor	VIC	Australia	Active
Leo	Tsang	University of Queensland	QLD	Australia	Student

### MinEx CRC bid successful!!

The Assistant Minister for Science, Jobs and Innovation, Zed Seselja, and Minister for Resources and Northern Australia, Matt Canavan, announced on Wednesday 23 March 2018 that \$50 million of Australian Government funding was being awarded to the MinEx CRC bid.

‘I welcome the MinEx CRC, which will create new mining opportunities’, Minister Canavan said. ‘This collaboration will provide new opportunities for mineral discovery in the resources sector and grow the Mining Equipment, Technology and Services sector.’

<http://minister.industry.gov.au/ministers/canavan-seselja/media-releases/funding-exploration-and-research-secure-jobs-future>

MinEx CRC is a major endeavour comprising:

- \$50 m cash from the CRC Programme
- \$41 m cash from geological surveys and from industry
- \$49 m non-staff in-kind
- \$78 m or 311 FTE staff in-kind
- TOTAL \$218 m

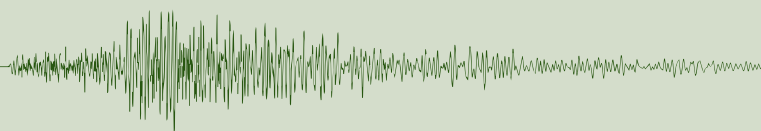
MinEx CRC’s research will include:

- Developing more productive, safer and environmentally-friendly drilling methods to discover and drill-out deposits, including coiled tubing drilling technology.
- Developing new technologies for collecting data while drilling, bringing forward mine production.
- Implementation of a National Drilling Initiative (NDI) – a world-first collaboration of Geological Surveys, researchers and industry that will undertake drilling in under-explored areas of potential mineral wealth in Australia.

MinEx CRC’s 34 current participants are:

*Participants:* Anglo American, Barrick Gold, BHP, South32, Atlas Copco, Geotec Boyles, HiSeis, Imdex, LKAB Wassara, McKay, Olympus, Sandvik, Geoscience Australia, Geological Surveys of NSW, SA and WA, Curtin University, Universities of Adelaide, Newcastle, South Australia and Western Australia, MRIWA and CSIRO.

*Affiliates:* Investigator, Minotaur, DataCode, Minalyze, Mudlogic, Southern Geoscience, Geological Surveys of NT, Queensland and Victoria, Mineral Resources Tasmania and the SA Department of State Development.



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## Executive brief

The Federal Executive of the ASEG (FedEx) is the governing body of the ASEG. It meets once a month, via teleconference, to see to the administration of the Society. This brief reports on the last monthly meeting, which was held in March.

We would like to welcome the new members to the Federal Executive for 2018 – Leslie Atkinson (Membership), Kate Robertson (Communications) and Andrew Squelch. We would also like to thank those continuing in their roles for 2018. A big thank you to Marina Pervukhina who has taken on Education Committee Chair in addition to her role as State Branch Committee Chair.

We are pleased to announce the first ASEG newsletter coming 1 May. After feedback from last year's Membership Survey, the Communications Committee are working diligently to produce this publication. If you would like to contribute articles to the newsletter or *Preview*, contact Kate [communications@aseg.org.au](mailto:communications@aseg.org.au) or Lisa [previeweditor@aseg.org.au](mailto:previeweditor@aseg.org.au).

### Finances

The Society's financial position at the end of February 2018:

Year to date income: \$97675

Year to date expenditure: \$44929

Net assets: \$959667

### Membership

At the time of this report, the Society has 669 Members. This is down 32% from the same time last year and down 42% overall (Figure 1). Numbers are down similarly across most of the States with the least drop in Members being 36% in the ACT to a 45% drop in membership in the SA/NT Branch (Figure 2).

Retired and Honorary membership numbers have remained constant from last year, while there has been a 16% decrease in Active/Associate Members (Figures 3 and 4). There has also been significant decrease in the number of Student and Corporate Members (Figure 5).

To everyone who has renewed for 2018 – congratulations and a very big thank you! For those who haven't – what are you waiting for? Renew today!

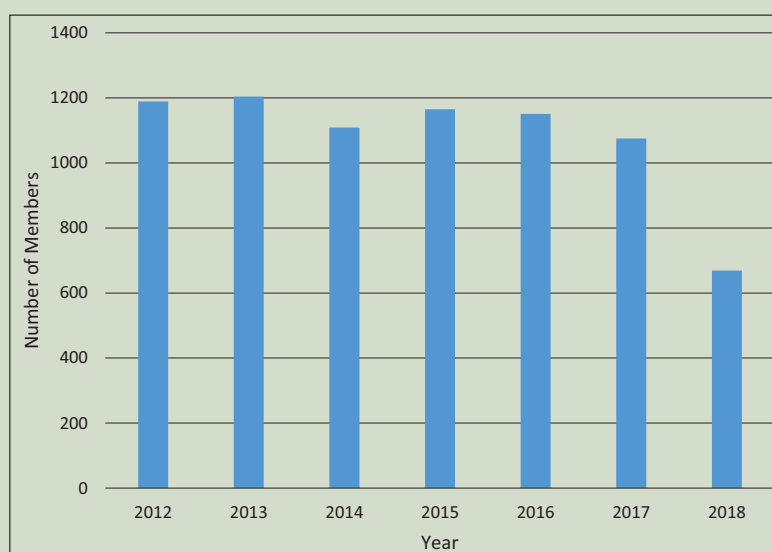


Figure 1. ASEG membership numbers between 2012 and 2018.

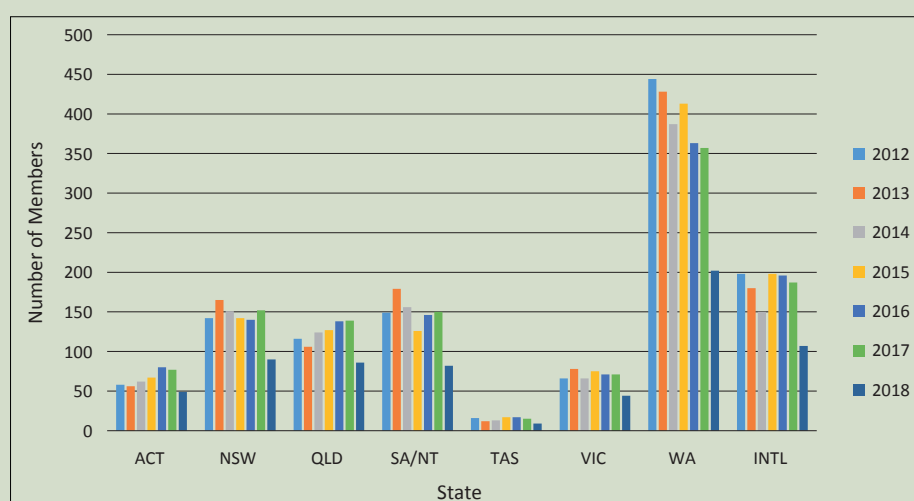


Figure 2. ASEG membership numbers by State in 2018.

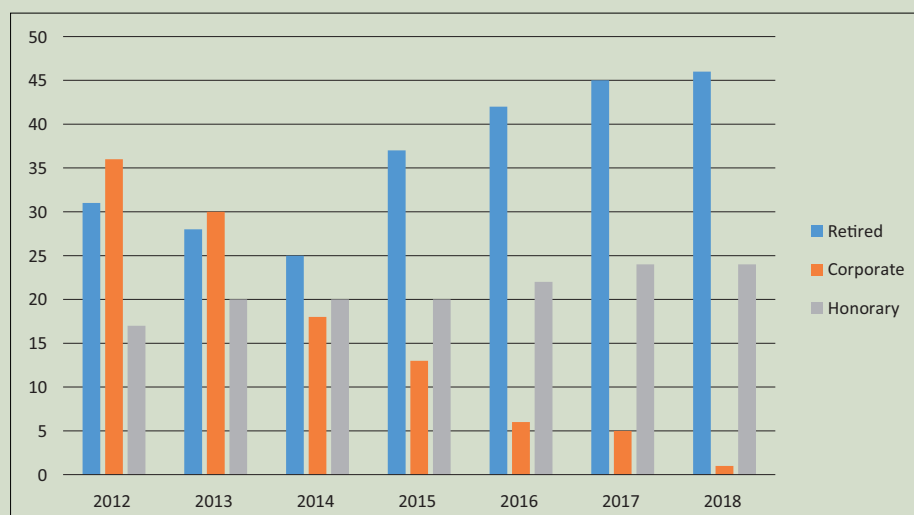


Figure 3. Retired, corporate and honorary membership numbers between 2012 and 2018.



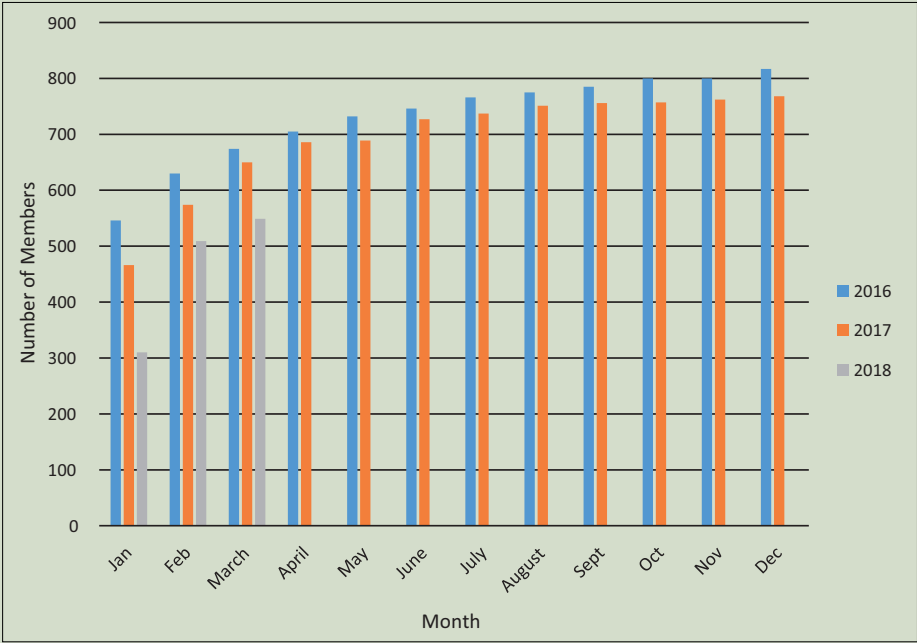
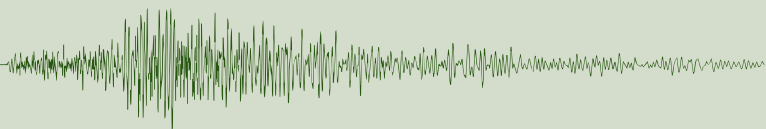


Figure 4. Active and associate membership numbers by month between 2016 and 2018.

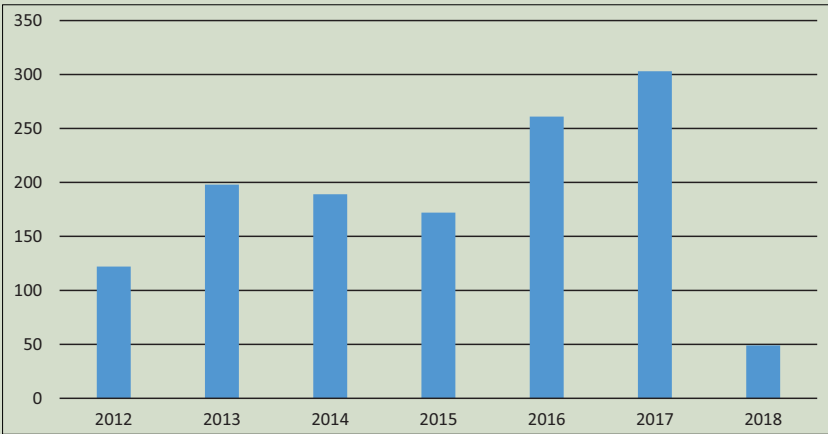


Figure 5. ASEG Student membership numbers between 2012 and 2018.

AEGC 2018

The 1st Australasian Exploration Geoscience Conference held in Sydney this February was a huge success with a final total of 922 delegates (including exhibitors, day, workshop only, and exhibitor passes). The final delegate split was 50:30:20 ASEG:PESA:AIG. A huge amount of effort was put in by the Sydney COC, there were 7–8 parallel sessions for 3 days, and we’d like to thank all involved for their contributions. By now you should have received a survey on the conference and we encourage you to provide feedback so that we and the Perth COC can strive to meet our Member’s expectations.

Megan Nightingale  
Secretary  
[fedsec@aseg.org.au](mailto:fedsec@aseg.org.au)



Marina Costelloe, ASEG President Elect, and David Denham, Preview Associate Editor, at AEGC 2018.

## ASEG Young Professionals network

### Joining forces: AEGC 2018

What a week it was in Sydney! The YP groups from ASEG, PESA and AIG joined forces for the first time to promote our networks in a collaborative way.

On display at the conference was our common mantra of 'training, mentoring, networking', with the focal point being the YP booth located alongside the society booths near the registration area.

### YP recharge booth

The YP booth was designed as a recharging space, both literally and figuratively, and a meeting spot for YPs.

We distributed information about the YP contacts and activities in each society and also promoted the Frank Arnott Award (v2.0) and other training and mentoring opportunities.

Thanks to Fortescue Metals Group who provided 75 FMG branded power banks as booth giveaways. We expect the booth to feature again in a similar format at future joint conferences such as the AGCC and the AEGC 2019.

### Presentation skills workshop

A presentation skills workshop ran on the Sunday prior to the conference. Although heavily promoted to YPs, the mixture of participants was about 50/50, which we feel helped to highlight the importance of the subject matter to the YPs.

Our instructor Doug Knight facilitated some excellent interaction on the day and genuine interest was shown in supporting the participants to build greater confidence around presenting their work.

It was great to then attend some of the subsequent conference presentations by the participants to see them put some of the ideas into practice.



*Presentation skills coach Doug Knight in action at the YP booth.*

### From faxes to FaceTime

Ali Burston, an organisational psychologist from Metisphere, spoke at a

free breakfast event early on the Tuesday morning on 'From faxes to FaceTime: building intergenerational relationships through networking and mentoring'.

Sadly this event was poorly attended and a recommendation for future conferences would be to ensure that at least one YP representative sits on the organising committee to improve communications.

Given the topic of this talk, some greater diversity on our organising committees also wouldn't go astray either.

### YP Social @ Endeavour Tap Rooms

The YP networking drinks, held at the Endeavour Tap Rooms in the Rocks, sold out early during day one and with many disappointed YPs we sought some extra sponsorship. Thanks to Theo Aravanis of Rio Tinto, we were able to make some last minute adjustments at the venue to accommodate 80 YPs and representatives from our generous sponsors.

Yes, 80!!! Almost one-in-10 of the conference goers were there! It was a fantastic night and most people stayed well past the time we'd planned and hopefully made it to the conference bright and early the next day.

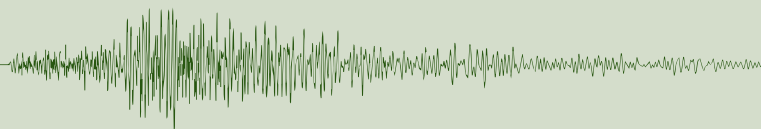
### Thank you!

We wish to thank our sponsors again, namely: BHP, Fortescue Metals Group, Terrex Seismic, Bridgeport Energy, Gap Geophysics and Rio Tinto.



*A fully sold-out YP networking drinks at the Endeavour Tap Rooms in the Rocks.*





Dionne Olsen with some of the Victorian YP mentees after her engaging talk on communication skills.

We'd like to thank our many helpers with the booth design, decoration and setup, in particular Janelle Simpson, Mary Nguyen (PESA), and Michael Miller (AIG).

### VIC seminar series 2018

The Victorian network (in conjunction with PESA) commenced its 2018 seminar series with a highly engaging talk by

Dionne Olsen from the Nuffield Group on strategic and effective communication titled 'Figuring out the 'Why?''.

The core message was to understand 'why' your audience would want whatever it is that you are offering them.

With this in mind, it becomes possible to differentiate yourself and to better articulate your core strengths. Networking continued afterwards with some of our local mentors joining the group at a nearby bar.

### YP network opportunities

Like all of the ASEG committees and specialist groups, the Young Professionals Network relies on the hard work and dedication of our volunteers to prosper.

We are always looking for vibrant and enthusiastic volunteers to assist us in reaching our goals of providing training, mentoring and networking opportunities to Young Professionals across Australia.

### Contact the YP Network

To volunteer or join the Young Professionals Network please contact Megan Nightingale or Jarrod Dunne through [ypadmin@aseg.org.au](mailto:ypadmin@aseg.org.au).



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## ASEG Branch news

### New South Wales

In November, **Jim Austin** from CSIRO presented a talk composed of three courses:

Entrée: 'Magnetic properties of BIFs: The facts and the truth. A case study from the Capricorn Orogen, WA'.

Main Course: 'Understanding the complex magnetic signatures of magmatic Ni-PGE systems'.

Dessert: 'Geophysical signatures of IOCG & Sedex/BHT style mineralisation in the Cloncurry District, Qld'.

We all ate with gusto and much discussion followed, with more questions being asked over a few reds.

In December, we held our quiz night. Many difficult and some not so difficult questions, mostly non-geophysical, were asked and answered (well alright... mostly answered). A fun night and a good way to conduct our last meeting for the year.

In February, we held our AGM and two of the usual suspects (**Mark Lackie** and **Ben Patterson**) were elected to the roles of President and Treasurer. **Sherwyn Lye** retired as Secretary and that position was taken up by **Steph Kovach**.

For the technical meeting we invited two speakers who were going to present at AEGC 2018 to come along and give a 'dry run' of their talks. The speakers were **Clive Foss** and **Ben Patterson**, both from CSIRO. Clive spoke about 'Combined gravity and magnetic studies of satellite bodies associated with the giant Coompana reverse magnetic anomaly in South Australia', while Ben spoke about 'Constrained 3D modelling of and mineralogical analyses of the Horseshoe Range BIF, Western Australia'. Both speakers kept to conference time and answered many questions, which hopefully prepared them for their actual conference talks.

An invitation to attend NSW Branch meetings is extended to interstate and international visitors who happen to be in town at the time. Meetings are generally held on the third Wednesday of each month from 5:30 pm at the 99 on York Club in the Sydney CBD. Meeting notices, addresses and relevant contact details can be found at the NSW Branch website

Mark Lackie  
[nswpresident@aseg.org.au](mailto:nswpresident@aseg.org.au)

### Queensland

The Queensland Branch will be holding their AGM in April. I will be resigning as Branch President after taking on the role in late 2010. I thank the Branch members for their support, particularly in the last few years. All official Branch positions will be up for election and there are currently nominations for President – **Ron Palmer**, Secretary – **James Alderman**, and Treasurer – **Henk van Paridon**. Any other nominations for these positions must be seconded and sent to the Queensland committee before the AGM.

We are currently looking for speakers to fill our calendar for 2018, if you'd like to volunteer a talk please contact [qldpresident@aseg.org.au](mailto:qldpresident@aseg.org.au) or [qldsecretary@aseg.org.au](mailto:qldsecretary@aseg.org.au).

An invitation to attend Queensland Branch meetings is extended to all ASEG Members and interested parties. Meetings are usually held monthly and details of all upcoming Queensland events can be found on the Qld Events tab on the ASEG website.

Fiona Duncan  
[qldpresident@aseg.org.au](mailto:qldpresident@aseg.org.au)

### South Australia & Northern Territory

The SA/NT Branch has had a relatively slow start to the year with the inaugural Australasian Exploration Geoscience Conference in full swing in Sydney during February. Since the conference we have held our first technical evening for 2018, in conjunction with our AGM, at which we were joined by **Ben Kay** and **Mike Reiger**, two students from the University of Adelaide's Geology & Geophysics Department and the Australian School of Petroleum respectively.

Ben and Mike presented on behalf of a group of 11 students from the University of Adelaide who called themselves 'Team On the Rocks' and who took part in the inaugural Frank Arnott Award (<https://www.frankarnottaward.com>), a competition with a focus on developing and proposing novel approaches to data integration and visualisation. The group, consisting of undergraduate students from 1st to 3rd year, put together a unique proposal in which they used various wavelet transformations to extract more information from their given datasets, and then alter 2D geophysical data sets to 3D

by creating and combining 2D slices, finally projecting those data onto semi-transparent 3D printed surfaces created from additional datasets, primarily scaled topographic information. The whole process was achieved with minimal cost and using readily available open source software.

For their novel and easily accessible approach the team managed to claim the top prize in the Apprentice category, winning out over entries from Masters and PhD students from around Australia and the world, while also being invited to present at the Exploration '17 conference in Toronto. This was a truly impressive result for a team of geoscientists in such an early stage of their careers and a testament to the quality of work and attitude towards their education and career progression. Congratulations to Mike and Ben, as well as the rest of the team including **Larissa Collins**, **Angus Nixon**, **Sarah McDonald**, **Teagan Romyn**, **Kiryeong Lee**, **Melissa Stinear**, **Racheal Mahlknecht**, **Jianan Chen**, and **Jamieson Woolcock**.

Our state Branch AGM was held prior to the talk, with a vote held for the positions of the President, Secretary and Treasurer of the SA/NT Branch. I am happy to report that **Adam Davey** will remain our Treasurer and **Mike Hatch** our Secretary for 2018, and that **Kate Robertson** has been elected President for 2018. Kate has been an active member of our committee for several years and we are all looking forward to the different perspective and ideas she will bring to the committee in her new role. I would like to say thanks to all of our past and present committee members, secretaries and treasurers who have helped me over the past three years with every aspect of running the Branch, it is certainly most appreciated, without the generous contribution of your time we wouldn't be able to run as well as we have.

We would like to thank all of our 2017 sponsors, the Department of the Premier and Cabinet, Beach Energy, Minotaur Exploration, and Zonge. Without their support we would not be able to hold such full program of events for the local membership. We will be in touch with all our previous sponsors hoping they will return again for 2018. Of course, if you or your company are not in the list above and would like to offer your support,



## ASEG news

please get in touch at the email address below.

Please keep an eye out for further events in 2018 on the website and in your inbox, further technical meetings will be held monthly at the Coopers Alehouse on Hurtle Square in the early evening. If you are interested in joining the committee please get in touch. We invite all Members, both SA/NT and interstate to attend our events, and of course any new Members or interested persons are also very welcome to join us. For any further information or event details, please check the ASEG website under SA/NT Branch events and please do not hesitate to get in touch at [sa-ntpresident@aseg.org.au](mailto:sa-ntpresident@aseg.org.au).

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## Tasmania

An invitation to attend Tasmanian Branch meetings is extended to all ASEG Members and interested parties. Meetings are usually held in the CODES Conference Room, University of Tasmania, Hobart. Meeting notices, details about venues and relevant contact details can be found on the Tasmanian Branch page on the ASEG website. As always, we encourage Members to also keep an eye on the seminar program at the University of Tasmania/CODES, which routinely includes presentations of a geophysical and computational nature as well as on a broad range of earth sciences topics.

*Mark Duffett*

[taspresident@aseg.org.au](mailto:taspresident@aseg.org.au)

## Victoria

The summer weather wasn't the only thing warming up the past couple of months as a flurry of events held in February cranked our 2018 Victorian Branch calendar into gear. We took off from pole position on the starting grid in first gear with a highly anticipated technical meeting night in early February. Mr **Adrien Bisset** of GeoTeric presented 'Quantitative interpretation of frequency decomposition blends using seismic forward modelling: a case study on Thebe gas discovery, offshore NW Australia', at the Kelvin Club.

For those audience members that were lucky enough to witness the commercially sensitive results presented from the study that evening, the application of the

frequency composition blend technique was an excellent example of how effective the method can be in characterising gas bearing reservoirs. This innovative approach has the potential to aid subsequent appraisal and exploration drilling programs with a view to de-risking any future development plans as well. The rapid turn-around in generating these visually dazzling volumes could give traditional seismic inversion products a threatening run for their money. Thank you, Adrien, for educating the wider geophysics community by presenting results from this very detailed case study.

As we thundered around the first few corners through second and third gears, we once again took pleasure in jointly hosting the annual Summer Social with our Victorian sister branches of PESA and SPE at the delightfully accommodating venue of Henry and The Fox. In keeping with the summer theme, Melbourne endured one of its hottest evenings that night, with our outdoor bar succumbing to the heat! Despite the beer taps being turned off prematurely, the successful gathering was one of the best attended in recent memory. Thank you to everyone that joined alongside their fellow industry contemporaries, sweating in the heat yet gleefully sharing anecdotal musings which our fickle industry can sometimes offer. See you all at the next social gathering!

We finally powered into top gear and into the home straight of the summer with the inaugural Australasian Exploration Geoscience Conference that was held in Sydney recently. Your Victorian committee members were all in attendance and the opportunity to meet some of our fellow branch counterparts was indeed a pleasure. The conference was a tremendous success and brought some of the brightest minds in our industry with the brightest ideas to the one location, offering the opportunity of a lifetime to all those that attended.

In celebration as we stand upon the winner's podium, the Victorian Branch would like to extend an invitation to all Members, past, present and future, to re-connect with your Branch and peers by attending one of the many upcoming events on our calendar this year. We welcome all new Members to the ASEG and hope to make your acquaintance before long.

*Seda Rouxel*

[vicpresident@aseg.org.au](mailto:vicpresident@aseg.org.au)

## Western Australia

It is with the greatest pleasure that I write this Branch report sitting in West Perth looking out at what might be the last summer storm for 2018. As a geologist and young professional I am honoured to have the opportunity to represent WA as the Branch President. One of my goals for 2018 is to provide new opportunities to WA Members, and I encourage any Member to approach either myself or the WA Branch Secretary with any feedback you may have on the Society's activities, as our goal is to ensure you receive value for your membership.

The WA Branch plans to host a range of professional development and networking events in 2018, including our regular monthly tech nights, young professional events, lunch time tech events in the CBD, a joint ASEG-PESA mentoring program, and closer collaboration with PESA and AIG particularly on technical events and workshops.

WA's first tech night of the year, on 14 February, kicked off our *Petroleum* stream with a presentation by **Anton Egorov** of Curtin University on 'Time-lapse full waveform inversion of vertical seismic profile data'. The following week saw Sydney host the first AEGC, which combined AIG, ASEG, and PESA members together under one roof to discuss Australian Geoscience and Exploration. The WA Branch is proud to announce that the next AEGC will be held in Perth in September 2019 and we are actively planning the event in close collaboration with AIG and PESA. Our first *Minerals* stream presentation of 2018 was very well attended and **Regis Neroni**



Anton Egorov (Curtin University).



Anton Egorov presenting to the February meeting of the WA Branch.

of Fortescue Metals Group gave a talk on the 'Application of the passive seismic Horizontal-to-Vertical Spectral Ratio (HVSr) technique for embankment integrity monitoring (and a bit more)'.

Upcoming WA events include:

- 11 April tech night – *Young Professionals* – Several short presentations by young professionals will be followed by an overview from **Jordan McGlew** (PESA WA – YP coordinator) on presentation tips and tricks, and the event will conclude with a short feedback session from peers. This event will be jointly hosted by PESA, and will hopefully be the first of several Young Professional events in WA throughout 2018.
- May tech night – *Petroleum* – SEG Honorary Lecturer **Mazin Farouki**

– 'Dense sampling in marine seismic data: Efficiency in acquisition without compromising data quality'.

The WA Branch is currently populating its technical calendar for 2018. If you have any suggestions on presenters or material, please email either the WA Branch President or Secretary.

Our monthly WA Branch's tech nights are kindly sponsored by the following: Globe Claritas, First Quantum, Geosoft, GPX Surveys, HiSeis, NRG, Resource Potentials, Southern Geoscience, Teck, Western Geco, Atlas, CGG, ExploreGeo, NGI, and a private donation in in memoriam. We could not put together the Branch's wide range of technical activities without the support of our sponsors, and we look forward to maintaining strong partnerships with these

companies. Sponsorships are due for renewal in May so if you are interested in sponsoring the Branch tech night please contact the Branch President on [wapresident@aseg.org.au](mailto:wapresident@aseg.org.au).

I hope that you all have a lovely autumn!

Heather Tompkins  
[wapresident@aseg.org.au](mailto:wapresident@aseg.org.au)

## Australian Capital Territory

The ACT Branch had a fantastic start to the year, which continued with the ACT Branch Annual General Meeting on 15 March with guest speaker **Simon van der Wielen** presenting on 'SA3D – Multi-scale mineral systems maps'.

The Branch is also looking forward to a number of upcoming events. These include:

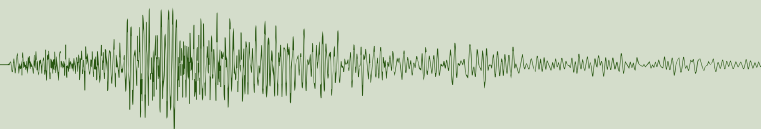
- 5–6 April: SEG workshop on 'Seismic anisotropy: basic theory and applications in exploration and reservoir characterisation presented by Professor **Ilya Tsvankin**.
- 18 April: Guest speaker Dr **Malcolm Sambridge** presenting on 'The story of nothing – geophysical inversion'
- SEG Honorary Lecturer **Mazin Farouki** presenting on 'Dense sampling in marine seismic: efficiency in acquisition without compromising data quality' (date TBA).

James Goodwin  
[actpresident@aseg.org.au](mailto:actpresident@aseg.org.au)

## ASEG national calendar: technical meetings, courses and events

Date	Branch	Event	Presenter	Time	Venue
Apr	ACT	SEG HL	Mazin Farouki	TBA	Sir Harold Raggatt Theatre, Geoscience Australia, Symonston, Canberra
Apr	QLD	AGM	TBA	1730	XXXX Alehouse Black Street Milton
5–6 Apr	ACT	SEG workshop	Ilya Tsvankin	TBA	Sir Harold Raggatt Theatre, Geoscience Australia, Symonston, Canberra
11 Apr	WA	Tech night	Jordan McGlew	1730	TBA
18 Apr	ACT	ASEG AGM	Malcolm Sambridge	1600	Sir Harold Raggatt Theatre, Geoscience Australia, Symonston, Canberra
16 May	WA	SEG HL	Mazin Farouki	1730	TBA

TBA, to be advised (please contact your state Branch Secretary for more information).



## Reminder: Annual General Meeting (AGM)

The 2018 AGM of the Australian Society of Exploration Geophysicists (ASEG) will be held at Geoscience Australia in Canberra on 18 April. The meeting will be hosted by the ACT Branch. Details to be supplied via email. Drinks will be available from 16:00 and the meeting will begin at 16:30.

The business of the Annual General Meeting will be:

- To confirm the minutes of the last preceding general meeting;
- To receive from the Federal Executive reports on the activities of the Society during the last preceding financial year;
- To receive and consider the financial accounts and audit reports that are required to be submitted to Members pursuant to the Constitution and to law;
- To consider and if agreed approve any changes to the ASEG Constitution;
- To report the ballot results for the election of the new office holders for the Federal Executive;
- To confirm the appointment of auditors for 2018.

The AGM will be proceeded by a scientific presentation. This year Professor Malcolm Sambridge will address the meeting on 'The Story of Nothing'. Professor Sambridge's research contributions have been in geophysical inverse theory and methods of inference from indirect observations, together with their application across the Earth Sciences. Specific research directions include the development and application of data inference techniques; theoretical seismology; imaging of the internal structure of Earth using seismic waves; robust inference and uncertainty estimation from Earth science data;

Mathematical methods and numerical algorithms. He is currently Professor, Seismology and Mathematical Geophysics, Research School of Earth Sciences, Australian National University <http://rses.anu.edu.au/~malcolm/index.php?p=bio>.

### Invitation for candidates for the Federal Executive

Members of the Federal Executive serve in an honorary capacity. They are all volunteers and Members are encouraged to consider volunteering for a position on the Executive or on one of its committees. Current members are listed in *Preview*; please contact one of them if you wish to know more about volunteering for your society.

In accordance with Article 8.2 of the ASEG Constitution '...The elected members of the Federal Executive are designated as Directors of the Society for the purposes of the [Corporations] Act'.

The Federal Executive comprises up to 12 members, and includes the following four elected members:

- (i) a President,
- (ii) a President Elect,
- (iii) a Secretary, and
- (iv) a Treasurer.

These officers are elected annually by a general ballot of Members. Marina Costelloe was elected as President-Elect in 2017 and as such will stand for the position of President.

The following officers are also recognised:

- (i) Vice President,
- (ii) the Immediate Past President (unless

- otherwise a member of the Federal Executive),
- (iii) the Chair of the Publications Committee,
- (iv) the Chair of the Membership Committee,
- (v) the Chair of the State Branch Committees, and
- (vi) up to three others to be determined by the Federal Executive.

These officers are appointed by the Federal Executive from the volunteers wishing to serve the Society.

Nominations for all positions (except Past President) are very welcome. Please forward the name of the nominated candidate and the position nominating for, along with the names of two Members who are eligible to vote (as Proposers), to the Secretary:

Megan Nightingale  
ASEG Secretary  
Care of the ASEG Secretariat  
PO Box 576  
Crows Nest  
NSW, 1585  
Tel: (02) 9431 8622  
Fax: (02) 9431 8677  
Email: [fedsec@aseg.org.au](mailto:fedsec@aseg.org.au)

**Nominations must have been received via post, fax or email no later than COB Tuesday 7 March 2018.** Positions for which there are multiple nominations will then be determined by ballot of Members and results declared at the Annual General Meeting.

Proxy forms and further details of the meeting will be sent to Members prior to the meeting by email and made available to Members on the Society's website.