



President's piece



Katherine McKenna (ASEG President) with Keava Vozoff at the recent NSW ASEG Branch Meeting.

I find it difficult to believe that it is already April 2017. Since the last (February) issue of *Preview* appeared I have had the honour of giving a presentation to the ASEG's NSW Branch. I have called it as I experienced it – a true honour. First, it was the first meeting for the NSW Branch at their new 'digs' in York Street. Worth a visit, as the room has large floor to ceiling glass windows that look up York Street, with views of the Queen Victoria building and the Town Hall. The ASEG NSW Branch meetings, for as long as I have been going to ASEG meetings (which is since I graduated), have been held at the Rugby Club on the third Wednesday of the month. You never had to think about when or where, just who was talking. So, I was pleased to be a part of some sort of history by being present at the first meeting in the new venue. The second reason that I was honoured by the occasion was that I was in my home town, surrounded by so many good friends. People that I have worked with or alongside, people who have taught me (Keava Vozoff was my lecturer at Macquarie University), mentored me, people with whom I have drunk far too many reds and, sometimes, all of the above. After writing my column in the last issue of *Preview* about the importance of mentoring, it was such a buzz to be presenting to a group of people that have been such role models and have had such an influence on me.

The other great thing that came out of the meeting was that I got to catch up with some of the organising committee for the

next ASEG conference. This is going to be a great conference from all accounts so far. The conference will be held in Sydney in February 2018, less than a year away. It is being called the Australasian Exploration Geoscience Conference (AEGC). It sees the ASEG collaborating with PESA and the AIG to deliver a high-quality geoscience programme with the theme of exploration, innovation and integration. Mark Lackie, one of the co-chairs (who is also the president of ASEG's NSW branch) talked up the new venue and interest that has been generated so far. There has already been a call for abstracts, which will close in May.

My last soapbox session as President, is titled 'The Importance of Volunteers and Volunteering'. The ASEG is an association run by volunteers, as most people are aware. One of the ASEG's greatest strengths is the volunteers that serve on the committees, the state branches, and the federal executive. The association would not survive if these Members did not give up some of their time to help. So, I would like to take this opportunity to thank everyone that has been a part of the ASEG this year. There are far too many to mention, some you would see at Branch meetings, but many are also working behind the scenes on various committees. If there is anyone interested in volunteering there is plenty of opportunity on numerous committees, state branches and the federal executive. Just let throw your hand up at a state branch meeting or contact someone on any of the committees and let them know you are interested.

I have had a great opportunity to work with the Federal Executive during the past year. There have been various projects that have been completed and items that are being put into place to see the advancement of the ASEG in the future. A report will be presented at the AGM in Brisbane in April and reproduced in the June issue of *Preview*. We are, however, losing a few members of the Federal Executive. One person who is leaving us is Tania Dhu, who has done a fantastic job, as Chair of the State Branch Committee, in getting the communication between the state committees and the Federal Executive running smoothly. This can only benefit our Members, as there is now real communication flow and needs and issues are heard and resolved quickly. Also, one of the longer standing members of the Federal Executive, Koya Suto, is stepping down. Koya's achievements on behalf of the ASEG are manifold. He has been the long-standing Chair of a number of committees, a past President and, most recently, Chair of the International Committee. He has worked tirelessly on forming relationships with geophysical societies in other countries. He has been rewarded with formal agreements between the ASEG, the Society of Exploration Geophysicists of Japan (SEGJ) and the Korean Society of Earth and Exploration Geophysicists (KSEG), and has formed good working relationships with societies in numerous other countries. Koya's happy attitude, endless energy and enthusiastic work ethics will be missed.

I would also like to thank members of the Federal Executive for their tireless efforts over the past year. It is their work that makes the ASEG operate and improves things for our Members. I know Andrea Rutley, as the new President, will have everyone's support and I am looking forward to the future under her leadership.

I will sign off here, as there are hills to cycle and work to be done. I look forward to catching up with everyone at the ASEG conference in February 2018 in Sydney.

manete placeidi, facere geophysics

(keep calm, do geophysics)

Katherine McKenna
ASEG President
president@aseg.org.au

Welcome to new Members

The ASEG extends a warm welcome to 19 new Members approved by the Federal Executive at its February and March meetings (see table).

First name	Last name	Organisation	State	Country	Membership type
Rebecca	Abel	Curtin University	WA	Australia	Student
Adeel	Ahsan	Bahria University	Islamabad	Pakistan	Student
Andrew	Buchel		NSW	Australia	Associate
Franklin	Froget	QGC	QLD	Australia	Active
Joshua	Grover	University of Melbourne	VIC	Australia	Student
Nicholas	Leong	Fender Geophysics	NSW	Australia	Active
Yong	Ling	Queensland University of Technology	QLD	Australia	Student
Zac	McCarrey	Curtin University	WA	Australia	Student
Mark	Murphy	Consultant	QLD	Australia	Active
Gerard	O'Halloran	BHP Billiton Petroleum	WA	Australia	Associate
Theophilus	Okoror	Ambrose Alli University	Edo State	Nigeria	Student
Lena	O'Toole	University of Sydney	NSW	Australia	Student
Rosine	Riera	The University of Western Australia	WA	Australia	Student
Taimoor	Sohail	Australian National University	ACT	Australia	Student
Hammad	Tariq	Weatherford	Punjab	Pakistan	Associate
Mark	Taylor		WA	Australia	Associate
Alexander	Tetreault	Curtin University	WA	Australia	Student
Andrew	Wilson	The University of Melbourne	VIC	Australia	Student
Matthew	Wilson	Flinders University	SA	Australia	Student

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ASEG Federal Executive 2015–16

<p>Katherine McKenna: President (Membership Committee Chair) Tel: (08) 9477 5111 Email: president@aseg.org.au</p> <p>Andrea Rutley: President Elect (Promotions Committee Chair) Tel: (07) 3834 1836 Email: presidentelect@aseg.org.au</p> <p>Marina Costelloe: Secretary Tel: (02) 6249 9347 Email: fedsec@aseg.org.au</p> <p>Danny Burns: Treasurer (Finance Committee Chair) Tel: (08) 8338 2833 Email: treasurer@aseg.org.au</p> <p>Phil Schmidt: Past President (Honours and Awards Committee) Tel: 0410 456 495 Email: pastpresident@aseg.org.au</p> <p>Koya Suto: (International Affairs Committee Chair, Research Foundation) Tel: (07) 3876 3848 Email: vicepresident@aseg.org.au</p>	<p>Kim Frankcombe (AGC Representative, Conference Advisory Committee and Technical Standards Committee) Tel: (08) 6201 7719 Email: kfrankcombe@iinet.net.au</p> <p>Emma Brand (Education Committee Chair) Tel: 0455 083 400 Email: continuingeducation@aseg.org.au</p> <p>Tania Dhu (State Branch Representative, Specialist and Working Groups Liaison) Tel: 0422 091 025 Email: branch-rep@aseg.org.au</p> <p>David Annetts (Web Committee Chair) Tel: (08) 6436 8517 Email: david.annetts@csiro.au</p> <p>Lisa Vella: Vice President Tel: (08) 6254 5000 Email: geofink@iinet.net.au</p> <p>Greg Street (Publications Committee Co-Chair, History Committee) Tel: (08) 9388 2839 Email: gstreet@iinet.net.au</p>
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Standing Committee Chairs

<p>Finance Committee Chair: Danny Burns Tel: (08) 8338 2833 Email: treasurer@aseg.org.au</p> <p>Membership Committee Chair: Katherine McKenna Tel: (08) 9477 5111 Email: membership@aseg.org.au</p> <p>State Branch Representative: Tania Dhu Tel: 0422 091 025 Email: branch-rep@aseg.org.au</p> <p>Conference Advisory Committee Chair: Michael Hatch Email: cac@aseg.org.au</p>	<p>Honours and Awards Committee Chair: Andrew Mutton Tel: 0408 015 712 Email: awards@aseg.org.au</p> <p>Publications Committee Co-Chairs: Greg Street and Robert Musgrave Tel: – Email: publications@aseg.org.au</p> <p>Technical Standards Committee Chair: Tim Keeping Tel: (08) 8226 2376 Email: technical-standards@aseg.org.au</p> <p>ASEG History Committee Chair: Roger Henderson Tel: 0408 284 580 Email: history@aseg.org.au</p>	<p>International Affairs Committee Chair: Koya Suto Tel: (07) 3876 3848 Email: vicepresident@aseg.org.au</p> <p>Education Committee Chair: Emma Brand Tel: 0455 083 400 Email: continuingeducation@aseg.org.au</p> <p>Web Committee Chair: David Annetts Tel: (08) 6436 8517 Email: david.annetts@csiro.au</p> <p>Research Foundation Chair: Philip Harman Tel: 0409 709 125 Email: research-foundation@aseg.org.au</p> <p>Research Foundation – Donations: Peter Priest Email: pwpriest@senet.com.au</p>
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Specialist Groups

<p>Near Surface Geophysics Specialist Group President: Greg Street Tel: (08) 9388 2839 Email: gstreet@iinet.net.au</p>	<p>Young Professionals Network President: Megan Nightingale Tel: 0438 861 556 Email: ypadmin@aseg.org</p>
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ASEG Branches

<p>Australian Capital Territory President: James Goodwin Tel: (02) 6249 9705 Email: actpresident@aseg.org.au</p> <p>Secretary: Adam Kroll Tel: (02) 6283 4800 Email: actsecretary@aseg.org.au</p>	<p>South Australia & Northern Territory President: Joshua Sage Tel: 0438 705 941 Email: sa-ntpresident@aseg.org.au</p> <p>Secretary: Adam Davey Tel: – Email: sa-ntsecretary@aseg.org.au</p> <p>NT Representative: Tania Dhu Tel: 0422 091 025 Email: nt-rep@aseg.org.au</p>	<p>Victoria President: Seda Rouxel Tel: 0452 541 575 Email: vicpresident@aseg.org.au</p> <p>Secretary: Thong Huynh Tel: – Email: vicsecretary@aseg.org.au</p>
<p>New South Wales President: Mark Lackie Tel: (02) 9850 8377 Email: nswpresident@aseg.org.au</p> <p>Secretary: Sherwyn Lye Tel: (02) 8960 8417 Email: nswsecretary@aseg.org.au</p>	<p>Tasmania President: Mark Duffett Tel: (03) 6165 4720 Email: taspresident@aseg.org.au</p> <p>Secretary: Steve Kuhn Tel: (03) 6226 2477 Email: tassecretary@aseg.org.au</p>	<p>Western Australia President: Kathlene Oliver Tel: 0411 046 104 Email: wapresident@aseg.org.au</p> <p>Secretary: David Farquhar-Smith Tel: 0409 840 503 Email: wasecretary@aseg.org.au</p>
<p>Queensland President: Fiona Duncan Tel: 0419 636 272 Email: qldpresident@aseg.org.au</p> <p>Secretary: Megan Nightingale Tel: 0438 861 556 Email: qldsecretary@aseg.org.au</p>		<p>The ASEG Secretariat Ben Williams The Association Specialists Pty Ltd (TAS) PO Box 576, Crows Nest, NSW 1585 Tel: (02) 9431 8622 Fax: (02) 9431 8677 Email: secretary@aseg.org.au</p>

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 February. We hope you are finding these reports interesting and informative. If there is more you would like to read about on a regular basis just get in touch with me (Marina) and I will expand the 2017 briefs accordingly. Anyone who would like to see the full minutes of the monthly meetings should add their name to the mailing list maintained by the Secretariat. FedEx also holds planning meetings twice a year.

Society finances

The Society's financial position at the end of January 2017:

Year to date income \$66456.84

Year to date expenditure \$8 846.64

Net assets \$1 178 890.34

Membership

Membership renewal numbers at the end of February 2017 was 76%, up from 73% at the same time in 2016. It's not too late to renew your membership. To everyone

who has renewed for 2017 – congratulations and a very big thank you!

Welcome to the new student Members, student membership is up, students please like our facebook page – search for Australian Society of Exploration Geophysics. Remember early and mid-career Members can join the ASEG Young Professionals Network <https://www.aseg.org.au/about-aseg/aseg-young-professionals>.

2017 Membership survey

We will be running a survey again in 2017 to gain feedback about what Members want from the ASEG. If you have any questions that you would like included in the survey please email me before 9 April 2017.

ASEG policies

An updated travel policy will be available to read in mid-April, if you are interested please email me. The most significant change to the policy is for students travelling on ASEG sponsored scholarships, proof of personal insurance will now be required.

The ASEG will be developing a new policy to cover volunteering, in line with an updated society code of ethics, in

2018. Work has commenced on this policy and if you would like to assist please let me know.

New website

I hope you have had a chance to look at our new website, its looking really great. Take a look at all the events that can now be found on the website. You will also notice the 26th ASEG conference is now being advertised – get your abstracts in soon and visit www.aegc2018.com.au.

AGM

I hope to see at least some of you at the ASEG AGM in Brisbane. It will be held at the XXXX Brewery at 1800 on Monday 10 April. Brisbane Local, Koya Suto, will be giving a talk entitled 'Near-Surface geophysics; geophysics for human life, geophysics in the life of a human'.

A very big thank you to the 2016 Federal Executive committee and a very big thank you to the local State Branch committees for all of your hard work during 2016.

Cheers!

Marina Costelloe
Honorary Secretary
fedsec@aseg.org.au



Koya Suto, a long-standing member of the ASEG Federal Executive, is retiring from the Executive at the 2017 AGM. In the words of the current ASEG President, Katherine McKenna, 'Koya's achievements on behalf of the ASEG are manifold. He has been the long-standing Chair of a number of committees, a past President and, most recently, Chair of the International Committee. He has worked tirelessly on forming relationships with geophysical societies in other countries. Koya's happy attitude, endless energy and enthusiastic work ethics will be missed.'



News from the ASEG Young Professionals Network

Hi everyone, I just want to inform you that the next President of the ASEG Young Professionals Network is Megan Nightingale. You may have had the pleasure of working with Megan in her role as the Secretary of the QLD ASEG Branch, or as a member of the ASEG Education and Communications Committees. She is an intelligent, capable geophysicist (who also likes to ride bikes!). I have had the pleasure of Megan's support for the ASEG Young Professionals for the last couple of years and she has proved to be an invaluable asset bridging the gap between students

and professionals in Queensland and engaging them in our network.

Her intelligence coupled with her leadership will be of tremendous value for the ASEG Young Professionals Network and in return provide benefits the ASEG community.

I hope you are as excited as I am to see where the ASEG Young Professionals Network will go under Megan's Leadership.

Millicent Crowe
Millicent.Crowe@ga.gov.au

Introducing Megan Nightingale



Megan Nightingale

Hi, my name is Megan Nightingale, I was born and raised in Brisbane and attended the University of Queensland. I started my studies in an Engineering Degree before seeing the light and transferring across to Earth Sciences. I obtained a Bachelor's degree in Geology and completed Honours in Exploration Geophysics in 2010. I've been working as a seismic interpreter in Brisbane for Energeo since 2011. I signed up as an ASEG Member whilst I was at university and have been a Member ever since. I've been actively involved in the ASEG since becoming the Qld Branch Secretary in 2013. I am a member of both the Education and Communications/Promotions Committees.

I am very excited to be taking on the role of President of the ASEG Young Professionals Network. I have some big shoes to fill replacing Millicent Crowe,

who's done an amazing job getting this group off the ground. Millicent was responsible for the running of some fantastic courses at the conference last year. Not to mention setting up the Young Professionals booth, which provided a friendly comfortable environment for Young Professionals to gather and to grow their own networks. I'm sure we all remember how daunting our first conference experience was, walking around unknown in a sea of brilliant and experienced geophysicists who are all reminiscing about antics at previous year's conferences.

It is my intention to continue on in this vein, providing similar facilities/opportunities at future conferences as well as increasing interaction with our sister societies, including AIG and PESA. I'm hoping you've all taken heed of the wise words of our current ASEG President, Katherine McKenna, and if you do have any ideas or are willing to assist in mentoring of new graduates and young professionals please get in touch. I'd also love to hear from other young professionals who'd like to actively participate in the running of this group – please contact ypadmin@aseg.org.

Megan Nightingale
 ASEG Young Professionals Network
 President
ypadmin@aseg.org

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Notice of Annual General Meeting (AGM)

The 2017 AGM of the Australian Society of Exploration Geophysicists (ASEG) will be held at the XXXX Brewery, Black Street and Paten Street, Milton, Brisbane, on 10 April. The meeting will be hosted by the Queensland Branch. Drinks will be available from 6:00 pm and the meeting will begin at 6:30 pm.

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 2017.

After the AGM, Brisbane local, Koya Suto, will be giving a talk entitled 'Near-Surface geophysics; geophysics for human life, geophysics in the life of a human'.

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 want 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. Andrea Rutley was elected as President-Elect in 2016 and as such will stand for the position of President.

The following offices 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. 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), should have already been forwarded to the Secretary:

Marina Costelloe
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

Nominations must have been received via post, fax or email no later than COB Tuesday 7 March 2017. 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.



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ASEG Branch news

Queensland

The Queensland Branch has had a great start to the year with the first local Branch meeting drawing record crowds. Approximately 50 Queensland Members filled the XXXX Brewery Cinema to hear **David Close** and **Tony Hallam** of Origin Energy shed light on the dark art that is AVO and quantitative interpretation. It was great to see many Queensland Members renewing in 2017 and we also welcomed several fresh new faces with a strong student contingent from QUT and UQ in attendance.

March's meeting doubled as the Queensland Branch AGM and was held on Tuesday 21 March, again at the XXXX Brewery. All Branch positions were up for nomination – **Fiona Duncan** (President), **Megan Nightingale** (Secretary) and **Henk van Paridon** (Treasurer) were all re-elected un-opposed. The technical talk was given by **Tariq Rahiman**, Principal Geophysicist of Golder Associates in Brisbane. Tariq discussed the increasing use of geophysics in engineering site investigations and provided examples from recent projects around Australia.

The Federal AGM will be held in Brisbane on Monday 10 April at the usual venue – the XXXX Brewery. Koya Suto will also present a short technical talk entitled 'Near-Surface geophysics; geophysics for human life, geophysics in the life of a human'.

An invitation to attend the Queensland Branch meetings is extended to all ASEG Members and interested parties. Details of all upcoming Queensland events can be found on the Qld Events tab on the ASEG website. We are still looking for speakers for the rest of the year, if you'd like to volunteer a talk please contact qldpresident@aseg.org.au or qldsecretary@aseg.org.au.

Megan Nightingale (Qld Branch Secretary)
qldsecretary@aseg.org.au

South Australia & Northern Territory

The SA/NT Branch had a relatively relaxed start to 2017, with only one event since taking a break after the Christmas Party and Honours Student night rounded off 2016. We started the year with our

AGM, where a new committee was voted in to take the lead for 2017. **Josh Sage** will stay on as President, **Adam Davey** and **Mike Hatch** will remain Secretary and Treasurer respectively for another year, and the majority of last year's general members have agreed to continue on, as well as a few newcomers. Thanks to all the people who have volunteered to help out in 2017.

Following our AGM, we were joined by **Dr Graham Heinson** from the University of Adelaide, who gave the Branch a review of the first year of the National Exploration Undercover School (NEXUS) initiative. NEXUS is an advanced training course for the best and brightest geoscience students from around Australia, with three one week modules held in Adelaide, the Adelaide Hills region and Yorke Peninsula. The programme is broken up into classroom lectures, laboratory and drill core practicals and two field trips, as well as evening networking opportunities. Response from the inaugural class was overwhelmingly positive, and the experience was highly valued both by all who attended and all those who were involved organising and running the programme. Given the success of the initiative, NEXUS will be opening up again in 2017. I thank Graham for his presentation and wish him and the course all the best going forward. For any more information on NEXUS, please visit the website <http://www.nexus.org.au/>.

Our technical meetings are made possible by our very generous group of sponsors,

which in 2016 included the Department of State Development, Beach Energy, Minotaur Exploration, Borehole Wireline and Zonge. We will be in touch shortly hoping they will return in 2017. Of course, if you or your company are not in that list and would like to offer your support, please get in touch at the email below.

As usual, further technical meetings will be held monthly, at the Coopers Alehouse on Hurtle Square in the early evening. We invite all Members, both SA/NT and interstate to attend, 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 joshua.sage@beachenergy.com.au, the email listed below, or on (08) 8338 2833.

Josh Sage (SA/NT Branch President)
sa-ntpresident@aseg.org.au

Tasmania

The Tasmanian branch hosted **Marina Costelloe**, Section Leader, Geophysical Networks at Geoscience Australia (and federal ASEG Honorary Secretary) at a meeting held on March 3 in the CODES Conference Room, on the Sandy Bay campus of the University of Tasmania. Marina graciously took the opportunity to address ASEG Tasmania Members following maintenance visits to GA Geophysical Network sites in Tasmania. She talked about these, as well as other



Marina Costelloe speaking to the Tasmania Branch (Photo: Steve Calladine).



The ASEG Tasmania Branch AGM (Photo: Steve Kuhn).

geophysical data receiving stations in Australia and its territories, and brought home the significance of their role in monitoring seismic, tsunami, geomagnetic and weapons testing activity. An audience that nearly packed out the venue was very appreciative.

A very brief Annual General Meeting of ASEG Tasmania Members followed immediately after Marina's talk. All incumbents were returned including yours truly. Thanks to **Steve Kuhn** (Secretary) and **Anya Reading** (Treasurer) for their ongoing assistance, and to all Members who participated in the AGM.

A few days later, several ASEG Tasmania Members also availed themselves of the chance to see **Dr Andi Pfaffhuber** of the Norwegian Geotechnical Institute's Perth office present a talk entitled 'Geosurveys innovation' – how geophysical methods such as airborne EM, SAR and LiDAR are being used to deliver geotechnical efficiency in geohazards, tunnelling, soil characterisation and other infrastructure development assessment'. This presentation also took place at UTas' Sandy Bay campus, in the Engineering lecture theatre. Thanks to the Tasmania Chapter of the Australian Geomechanics Society for extending the invitation to ASEG Members.

The previously announced presentation by **Anton Rada** on his UAV magnetic surveying developments has been postponed. Look for news of a reschedule in the next edition of *Preview*.

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. Interested Members and other parties should also keep an eye on the seminar programme of the University of Tasmania's School of Earth Sciences, which regularly delivers presentations of geophysical as well as general earth science interest. Please contact ASEG Tasmania Branch President **Mark Duffett** with any queries.

Mark Duffett
taspresident@aseg.org.au

Victoria

The ASEG Victoria Branch started the year in February with a very well attended first technical night. We had the pleasure of welcoming **Jovan Silic** from Jovan Silic and Associates. His talk entitled 'Recent case studies using Airborne Electro-magnetic methods for ground water and minerals exploration - the case for using 2.5D inversion and discarding noise' presented a new AEM inversion algorithm, developed in joint venture with Intrepid Geophysics.

A week later we caught up with familiar faces from PESA and SPE at the 'Summer Social', which was held at Henry and the Fox. The event was well attended and gave Members the opportunity for some much needed networking while enjoying a cold drink under an absolutely delightful summer evening in Melbourne (yes, we do have lovely weather here...sometimes).

Our next technical meeting was held on March 16. We welcomed **Warren Gray**,

technical director for SeisIntel, who gave a talk entitled 'Three years in the marine exploration world', which reviewed the evolution of seismic exploration over these last three difficult years. The talk was followed by the Victorian Branch Annual General Meeting. **Seda Rouxel** (President), **Thong Huynh** (Secretary) and **Greg Walker** (Treasurer) were all elected un-opposed.

Seda Rouxel
vicpresident@aseg.org.au

Western Australia

The WA Branch has been very active with Tech night presentations over the first few months of 2017. In February the Branch hosted **Juerg Hauser** from CSIRO who presented on 'A Pragmatic Bayesian Perspective on Exploration Using Airborne EM Data'. This presentation was followed in March by **Shane Evans** from Moombarriga Geoscience who presented on magnetotellurics for regional and local exploration, citing various case studies. In April the Branch is hosting SEG Distinguished Lecturer **Paul Hatchell** who will be presenting on 'Getting more for less: Frequent low-cost seismic monitoring solutions for deepwater fields'.

The WA Branch's Tech Nights are sponsored by the following companies: Globe Claritas (Platinum), Resource Potentials, Western Geco, CGG, Atlas Geophysics, First Quantum Minerals Inc, GPX Surveys, Paradigm (Gold), Geosoft, ExploreGeo, and Southern Geoscience (Silver). The Branch could not put together its wide range of technical activities without the support of our Platinum, Gold and Silver sponsors, and we look forward to a long standing partnership with these companies. Sponsorships are due for renewal in May so if you are interested in sponsoring the Branch please contact the Branch President on wapresident@aseg.org.au.

The calendar for 2017 is filling up. Our Tech night programme has presenters lined up through to August with the following presenters:

- May – **Andreas Pfaffhuber** (NGI) presenting 'Geophysics, the disruptive innovation for the geotechnical industry';
- June – **Darren Hunt** (Teck) presenting on the use of seismic reflection at the Teena deposit;



ASEG news

- July – **Tim Munday** (CSIRO) presenting on the use of airborne EM to target groundwater resources in the Murchison region of WA.

The schedule is subject to change due to speaker availability. Please check the website for up-to-date information. We are excited about the programme of events planned for 2017 and look forward to catching up with our fellow Members.

Kathlene Oliver
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Australian Capital Territory

By the time you read this the ACT Branch will have held its AGM and my term as Branch President will have come to an end. My sincere thanks to the committee members who have supported me in the role, in particular **James Goodwin**, **Adam Kroll** (Secretaries) and **Philip Wynne** (Events organiser). Best of luck to the new President – there are already some exciting events in the pipeline for the local Members in 2017.

Congratulations are also due to our 2016 Student Scholarship award winner, **Rhys Hawkins**, who has recently had part of his PhD work published in *Exploration Geophysics*. Look out for his upcoming paper (with co-authors **Malcolm Sambridge** and **Ross Brodie**) called ‘Trans-dimensional Bayesian inversion of airborne electromagnetic data for 2D conductivity profiles’, which explores a novel trans-dimensional sampling approach to a time domain airborne electromagnetic (AEM) inverse problem. The ACT Branch is currently accepting applications for the 2017 Student Scholarship and Student Travel awards.

The Branch kicked off its programme for 2017 with a technical presentation

at its February meeting by **Kevin Dodds**, himself a former ASEG Federal President. Kevin is now R&D manager at Australian National Low Emissions Coal Research and Development (ANLEC R&D). ANLEC R&D has a comprehensive suite of projects to support implementation of low emissions coal technology including carbon capture and transportation, assessment and monitoring of storage sites and coal gasification. They are also involved in the demonstration projects at CarbonNet (Gippsland Basin, Victoria) and SW Hub (southern Perth Basin).



Kevin Dodds presenting to the ACT Branch.

The AGM is scheduled for 30 March and Members will enjoy a talk on the Lord Howe Rise by **Ron Hackney**. In May we are anticipating a visit from current ASEG President, **Katherine McKenna**, who will tell us about all the to hear all the good things FedEx is up to, and in June–July we are hoping to host SEG Distinguished Instructor **Doug Oldenburg** for a DISC on EM methods.

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New South Wales

In February, we held our AGM and three of the usual suspects (myself, **Ben Patterson** and **Sherwyn Lye**) were elected to the roles of President, Treasurer and Secretary. This was also the first meeting at the new venue and we voted it a success as well.

Our speaker for the evening was our current ASEG Federal President, **Katherine McKenna**. For the first part of her talk, Katherine gave us an update from the Federal Executive discussing where the Society was at and where it would like to be heading. For the second part of her talk Katherine spoke about the different airborne datasets that are available in our neighbouring Asia-Pacific countries. Her talk wandered through PNG, Indonesia and quite a few other countries, where the types of surveys and the reasons for obtaining those surveys was presented. Quite a few interesting images were shown, and I felt the audience certainly learnt a bit about the geology and geophysics of our neighbours. Much discussion followed, with more questions being asked over a few reds.

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.

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ASEG national calendar: technical meetings, courses and events

Date	Branch	Event	Presenter	Time	Venue
10 Apr	QLD	ASEG AGM	Various	1830–2030	XXXX Brewery, corner of Black Street and Paten Street, Milton
May	ACT	Tech night	Katherine McKenna	1600	Scrivener Room, Geoscience Australia, Symonston, ACT
10 May	WA	Tech night	Andreas Pfaffhuber	1730–2000	City West, 45 Plaistowe Mews, West Perth
04 Jun	WA	Tech night	Darren Hunt	1730–1900	TBA
Jul	ACT	SEG DISC	Doug Oldenburg	TBA	TBA
12 Jul	WA	Tech night	Tim Munday	1730–1900	TBA
09 Aug	WA	Tech night	TBA	1730–1900	TBA
11 Oct	WA	Tech night	Bill Peters	1730–1900	TBA

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