

President's piece



Katherine McKenna

What a fantastic couple of months for the ASEG. The 25th International Geophysical Conference and Exhibition in Adelaide was brilliant. Congratulations go out to Phil Heath and Luke Gardiner and their entire organising committee for putting on such a great conference. In difficult times for our industry it was a true testament to their skills, hard work and persistence.

The conference had so many highlights. I started on Saturday night with the selection of wine for year's ASEG wine offering. On Sunday I attended the ASEG Council meeting and saw that just next door were there quite a few workshops underway, and they were all well attended. The exhibition, which was well populated with mineral and oil and gas exhibitors, was set up for the Icebreaker in the evening. At the opening ceremony the next day I heard a fascinating talk

given by the main sponsor BP. It was really interesting to see how much money was being put into the state of South Australia in the name of exploration.

The oral and poster presentations during the conference were all well attended and covered a diversity of topics. I congratulate all those that gained awards for their presentations, especially student presenters – of which there were many.

FedEx Members had lunch with representatives of our sister societies on Monday. It was really interesting to have the opportunity to sit and discuss what is happening with different groups overseas and what is coming up in the future.

I also had an invitation to attend Professor David Boyd's 90th Celebration lunch on Tuesday. Not having been educated at Adelaide University I was a bit of an outsider. However, the stories by the presenters and talk given by Professor Boyd almost made me wish I had gone to Adelaide University. The 'just go out there and do it' attitude was intoxicating.

A very entertaining conference dinner at the Adelaide Oval on Tuesday night added to the conference atmosphere. There is no doubt that Adelaide has set a high standard for the next conference in Sydney!

After the conference in Adelaide I took leave and ventured on a bike tour from Spain to Italy covering Hannibal's trail. The crossing of the Alps has, from a geological point of view, been amazing.

Along one ride I came across a geological park that marks a certified boundary between two ages of the Cretaceous period, being the Hauterivian and Valanginian. Whilst there, and taking a break from the cycling, three car loads of tourists stopped. Their interest demonstrates the potential of geotourism – if sites are presented well.

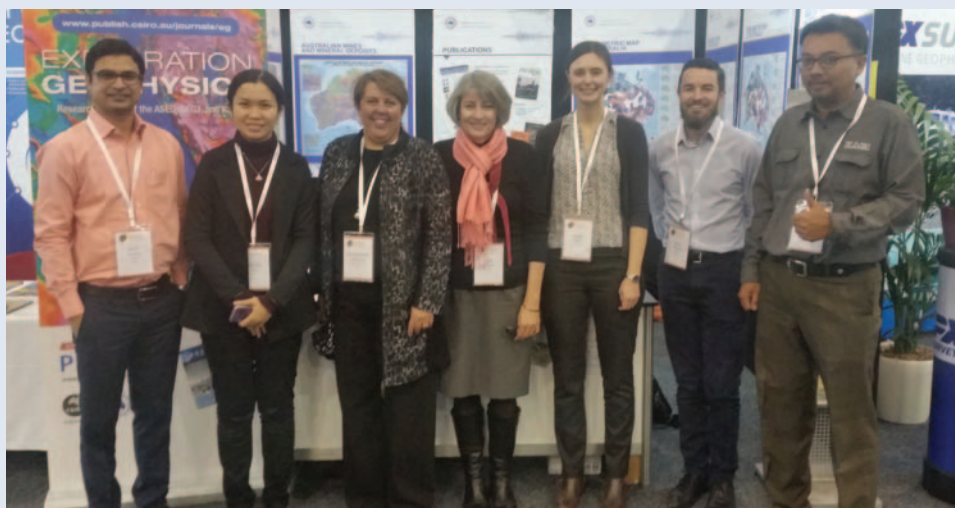
I look forward to seeing the report from the conference and hope everyone enjoyed the conference as much as I did!

homo minister et interpres naturae
(man, the servant and interpreter of nature)

Katherine McKenna
ASEG President
president@aseg.org.au



On Hannibal's trail.

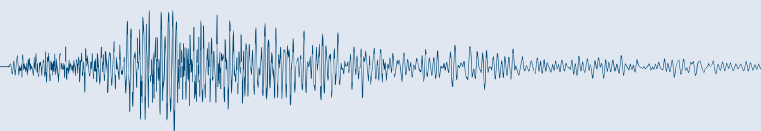


At the ASEG booth with representatives of some of our sister societies and members of the ASEG publications team.

Welcome to new Members

The ASEG extends a warm welcome to 40 new Members approved by the Federal Executive at its July, August and September meetings (see table).

First name	Last name	Organisation	State	Country	Membership type
Htoo	Aung Khant	University of Yangon		Myanmar	Student
Saadullah	Baloch	University of Wollongong	NSW	Australia	Student
Michael	Barnes	Charles Stuart University	SA	Australia	Student
Sudip	Bhattacharya		NSW	Australia	Active
Bradley	Cave	University of Adelaide	SA	Australia	Student
Alexandra	Cotton	Curtin University	WA	Australia	Student
Jane	Cunneen	Curtin University	WA	Australia	Active
Cameron	Fink	Bridgeport Energy Limited	NSW	Australia	Active
Clive	Foss	CSIRO	NSW	Australia	Active
Alan	Gillespie	Planetary Geophysics Pty Ltd	QLD	Australia	Active
Neil	Godber	Mitre Geophysics	QLD	Australia	Active
Al	Harvey	Project Geoscientist	WA	Australia	Active
Amir	Hashempour Charlchi	University of Adelaide	SA	Australia	Student
Lucas	Heape	HPX Services Australia	QLD	Australia	Active
Timothy	Hill	Curtin University	WA	Australia	Student
Allen	Hundley	Geosonics Australia	NSW	Australia	Associate
Joanna	Joga	Conectel	QLD	Australia	Active
Dongwoo	Kim	Sejong University	Seoul	South Korea	Student
Bitnare	Kim	Sejong University	Seoul	South Korea	Student
David	Kulikowski	University of Adelaide	SA	Australia	Student
Simon	List	University of Adelaide	SA	Australia	Student
Cas	Lotter	Spectral Geophysics	Gaborone	Botswana	Active
Min	Lwin Tun	University of Yangon		Myanmar	Student
Mahyar	Madadi	Curtin University	WA	Australia	Associate
Brian	Main	GEDEX Inc	Ontario	Canada	Active
Daniel	Marsh	SRK Exploration Services Ltd	Cardiff	UK	Active
John	McMonagle	Velseis Pty Ltd	QLD	Australia	Active
Juthamard	Mhardsen	Austhai Geophysical Consulting	BKK	Thailand	Associate
Klaus	Motschka	Geological Survey of Austria		Austria	Associate
Lachlan	Renfrey	Macquarie University	NSW	Australia	Student
Teerawat	Ruangsatianpong	Austhai Geophysical Consulting	BKK	Thailand	Associate
Maxime	Salman	University of Waterloo	Ontario	Canada	Student
Sara	Sayyadi	Observatório Nacional/DPGG	RJ	Brazil	Student
Toke	Soltoft	Aarhus GeoSoftware		Denmark	Active
Seo Young	Song	Sejong University	Seoul	South Korea	Student
Kevin	Stephens	Exploration	WA	Australia	Active
Kyow	Tha Oo	University of Yangon		Myanmar	Student
Myat	Thandan Htwe	University of Yangon		Myanmar	Student
Chris	van Galder	CGG	WA	Australia	Active
Ye	Zaw	University of Yangon		Myanmar	Student



ASEG Federal Executive 2015–16

Katherine McKenna: President (Membership Committee Chair)
Tel: (08) 9477 5111
Email: president@aseg.org.au

Andrea Rutley: President Elect (Promotions Committee Chair)
Tel: (07) 3834 1836
Email: presidentelect@aseg.org.au

Marina Costelloe: Secretary
Tel: (02) 6249 9347
Email: fedsec@aseg.org.au

Danny Burns: Treasurer (Finance Committee Chair)
Tel: (08) 8338 2833
Email: treasurer@aseg.org.au

Phil Schmidt: Past President (Honours and Awards Committee)
Tel: 0410 456 495
Email: pastpresident@aseg.org.au

Koya Suto: (International Affairs Committee Chair, Research Foundation)
Tel: (07) 3876 3848
Email: vicepresident@aseg.org.au

Kim Frankcombe (AGC Representative, Conference Advisory Committee and Technical Standards Committee)
Tel: (08) 6201 7719
Email: kfrankcombe@inet.net.au

Emma Brand (Education Committee Chair)
Tel: 0455 083 400
Email: continuingeducation@aseg.org.au

Tania Dhu (State Branch Representative, Specialist and Working Groups Liaison)
Tel: 0422 091 025
Email: branch-rep@aseg.org.au

David Annetts (Web Committee Chair)
Tel: (08) 6436 8517
Email: david.annetts@csiro.au

Lisa Vella: Vice President (Publications Committee Co-Chair)
Tel: (08) 6254 5000
Email: geofink@inet.net.au

Greg Street (Publications Committee Co-Chair, History Committee)
Tel: (08) 9388 2839
Email: gstreet@inet.net.au

Standing Committee Chairs

Finance Committee Chair: Danny Burns
Tel: (08) 8338 2833
Email: treasurer@aseg.org.au

Membership Committee Chair:
Katherine McKenna
Tel: (08) 9477 5111
Email: membership@aseg.org.au

State Branch Representative: Tania Dhu
Tel: 0422 091 025
Email: branch-rep@aseg.org.au

Conference Advisory Committee Chair:
Michael Hatch
Email: cac@aseg.org.au

Honours and Awards Committee Chair:
Andrew Mutton
Tel: (07) 3278 5733
Email: awards@aseg.org.au

Publications Committee Co-Chairs:
Greg Street and Lisa Vella
Tel: –
Email: publications@aseg.org.au

Technical Standards Committee Chair:
Tim Keeping
Tel: (08) 8226 2376
Email: technical-standards@aseg.org.au

ASEG History Committee Chair:
Roger Henderson
Tel: 0408 284 580
Email: history@aseg.org.au

International Affairs Committee Chair:
Koya Suto
Tel: (07) 3876 3848
Email: vicepresident@aseg.org.au

Education Committee Chair: Emma Brand
Tel: 0455 083 400
Email: continuingeducation@aseg.org.au

Web Committee Chair: David Annetts
Tel: (08) 6436 8517
Email: david.annetts@csiro.au

Research Foundation Chair: Philip Harman
Tel: 0409 709 125
Email: research-foundation@aseg.org.au

Research Foundation – Donations: Peter Priest
Email: pwpriest@senet.com.au

Specialist Groups

Near Surface Geophysics Specialist Group
President: Greg Street
Tel: (08) 9388 2839
Email: gstreet@inet.net.au

Early Career Geophysicists Specialist Group
President: Millie Crowe
Tel: (02) 6249 9846
Email: Millicent.Crowe@ga.gov.au

ASEG Branches

Australian Capital Territory

President: Ned Stolz
Tel: (02) 6144 4560
Email: actpresident@aseg.org.au

Secretary: James Goodwin and Adam Kroll
Tel: (02) 6249 9705; (02) 6283 4800
Email: actsecretary@aseg.org.au

New South Wales

President: Mark Lackie
Tel: (02) 9850 8377
Email: nswpresident@aseg.org.au

Secretary: Sherwyn Lye
Tel: (02) 8960 8417
Email: nswsecretary@aseg.org.au

Queensland

President: Fiona Duncan
Tel: (07) 3042 7502
Email: qldpresident@aseg.org.au

Secretary: Megan Nightingale
Tel: (07) 3839 3490
Email: qldsecretary@aseg.org.au

South Australia & Northern Territory

President: Joshua Sage
Tel: 0438 705 941
Email: sa-ntpresident@aseg.org.au

Secretary: Michael Dello
Tel: –
Email: sa-ntsecretary@aseg.org.au

NT Representative: Tania Dhu
Tel: 0422 091 025
Email: nt-rep@aseg.org.au

Tasmania

President: Mark Duffett
Tel: (03) 6165 4720
Email: taspresident@aseg.org.au

Secretary: Anya Reading
Tel: (03) 6226 2477
Email: tassecretary@aseg.org.au

Victoria

President: Seda Rouxel
Tel: 0452 541 575
Email: vicpresident@aseg.org.au

Secretary: Dorte Macrae
Tel: 0499 978 490
Email: vicsecretary@aseg.org.au

Western Australia

President: Kathlene Oliver
Tel: 0411 046 104
Email: wapresident@aseg.org.au

Secretary: David Farquhar-Smith
Tel: 0409 840 503
Email: wasecretary@aseg.org.au

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

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 September. Anyone who would like to see the 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 August:

Year to date income \$244415.48
Year to date expenditure \$388087.09
Net assets \$1 152061.73

Membership

As of 5 August, the Society had 1075 Members. We hope to gain a few new Members from the recent successful conference in Adelaide.

New website

Congratulations to the Web Team for delivering a new website for our Members. If you have any additions, amendments, suggestions, information please don't hesitate to contact the Webmaster David Annetts.

Conference business meetings

During the very successful ASEG-PESA-AIG 2016 conference, a number of Committee meetings were held. If you are interested in getting involved on a

Committee, or finding out about what's new, please contact the relevant Chair below.

If you are interested in a committee that is not listed please contact me, or the committee chair as noted on the ASEG website, and we will point you in the right direction.

ASEG Council meeting summary

On Sunday 21 August, in conjunction with the ASEG conference, an ASEG Council meeting was held. The agenda included reports from the President, Treasurer, State and Territory Branches, Young Professionals Committee, Education Committee, Web Committee, Communication Committee and the International Affairs Committee. I'd like to thank those who prepared and presented information at this meeting. A full report is available, please contact me if you are interested.

Summary from the Branch Presidents

Presented by Josh Sage, Seda Rouxel, Mark Lackie, Marina Costelloe, Koya Suto, Steve Kuhn and Tania Dhu.

The State and Territory Branches are very busy running technical evenings, education events and completing other Society functions. Finding volunteers to run events can be draining but the work is rewarding. Securing new Members and retaining existing Members is something all Branches work hard on; however, advertising the benefits of being a Member of the ASEG might need a bit of work (watch this space). Some states are using Event Bright for booking their technical meetings and this is working for

the Committee as well as Members. Sponsorship for students is going really well, each state has a slightly different model on how to award sponsorship but at least 10 students from across Australia were supported to attend the conference from ASEG awards, which is terrific. Branches are also sponsoring student attendance at workshops (SEG/OzSTEP), another great initiative. The Branches are always on the lookout for excellent technical speakers so if you would like to nominate a speaker for an interstate talk please contact me.

Summary from the Finance Committee

Written by Danny Burns Treasurer and presented by Katherine McKenna, President.

Healthy balance sheet: At 1 January 2016 the ASEG had an audited total equity of AU\$1 295 475. A chart showing the historical annual income and expenses from 2004 to 2016 indicates that both income and expenses rose steadily from 2004–2012 (allowing for expected income drops during non-conference years) and have been steady since 2012. However, in 2016 we estimate lower income (tough times) and increased expenditure.

Increasing expenditure: Over the last few years expenditure has outpaced income in education, publications, and meetings and events. This has largely been due to increased activity in these areas, particularly in regards to publications, where we have seen a significant increase in the number of pages published. While the ASEG has been working hard to raise the profile of our publications, the Publications Committee is currently reviewing our cost and fee structures. Education expenses are up due to our sponsorship of science teaching and the success of the OzSTEP courses, which we subsidise. It is also a healthy sign that the state Branch meetings and events are being well supported. In 2016 we also commissioned a new website, which is a 'one off' cost.

Decreasing income: The main decrease is in membership income. This is not unexpected during the tough times we currently find ourselves in so the FedEx is considering a drive to promote the Society and increase corporate membership.

Committee Meeting	Chair	Email
International affairs	Koya Suto	koya@terra-au.com
Publications Committee	Greg Street	gstreet@iinet.net.au
Technical standards Committee	Tim Keeping	tim.keeping@sa.gov.au
History Committee	Roger Henderson	rogah@tpg.com.au
Finance Committee	Danny Burns	treasurer@aseg.org.au
Exploration Geophysics joint publication partners	Koya Suto	koya@terra-au.com
Research Foundation Committee	Doug Roberts	dcrgeo@tpg.com.au
Young professionals	Millicent Crowe	millicent.crowe@ga.gov.au
Near surface geophysics	Greg Street	gstreet@iinet.net.au
Combined State Branches	Tania Dhu	tania.dhu@nt.gov.au
Membership	Katherine McKenna	president@aseg.org.au

Outlook: While our balance sheet is healthy current projections are for a ~\$180k loss in 2016 and up to a ~\$400k loss in 2017 (a non-conference year), leading to a decrease in total equity to around \$700k at the end of 2017.

A number of areas of expenditure are being reviewed by the various committees to counter this decline in equity. It is anticipated that we will need to prioritise our activities and the levels of those activities.

Summary from the Education Committee

Presented by Emma Brand and Wendy Watkins.

Since the last Council meeting, a terrific selection of high quality courses have been run, including three OzSTEP courses. Bob Musgrave presented his course seven times, Brian Russell presented his course three times and David Lumley presented his course twice (due to low numbers the courses at some Branches were cancelled). There was also a short course presented by Serge Shapiro and run on similar lines to OzSTEP in the ACT and WA.

Emma provided an update on OzSTEP and is currently assessing two potential speakers. Courses will be confirmed later in the year. There is a decline in the number of SEG lecturers available, but it has been announced that Koya Suto will be an SEG Lecturer next year (Yay!).

Emma spoke about broadening the Education Committee's scope to provide

not only excellent technical geophysical education but broader skills to help our Members be resilient in difficult times.

Summary from the Web Committee

Presented by David Annetts.

Dave Annetts gave some background to the recent website redevelopment and explained a part of the reason for upgrading the site was to utilise a new open source system. David said the new site should be easier for Members and Committees to use and change.

Summary from the Communications and Promotions Committee

Presented by Andrea Rutley.

It was agreed by FedEx, during a planning meeting held in Perth in April 2016, that there was a need for the ASEG to have a plan to promote the Society to other geoscientific societies and also to disseminate information to Branches and Members. An initial 'Purpose Document' to establish a sub-committee was prepared within the FedEx to act as a starting point for discussion. As a result, a sub-committee, called Communication and Promotions Committee was formed. The initial focus for the committee is to define:

1. Purpose
2. Responsibility
3. Approach

Currently the Committee is reviewing and refining the original purpose document to

ensure clear and concise aims, and is revising the position description for the roles of Chair and Committee Members. Additionally, TAS was invited to submit a marketing and communication strategy to the Committee to outline how it could assist in achieving the Committee's aims. This is also with the Committee for review. The new Committee Members are Michael Lees, Megan Nightingale, Emma Brand and Andrea Rutley.

Summary from the International Affairs Committee

Presented by Koya Suto.

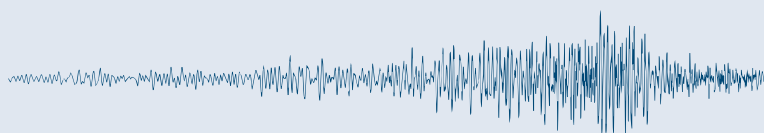
Currently the ASEG has agreements with 10 other societies, including: SEG, EAGE, SEGJ, KSEG, CGS, SPE India, SAGA, EEGS, GSM, SBGF. The ASEG has had a booth at six conferences in past 18 months. Katherine noted that through Koya's work HAGI were at the conference and had a booth for the first time. Koya also assists the Education, Publications, Conference Organising and Near Surface Committees.

We had a bit of fun with Facebook during the Council meeting. I posted a photo at the start of the meeting and less than 3 hours later the photo had been viewed by over 300 people, today nearly 600 people from around the world have viewed that post. If you have Facebook make sure you have 'liked' the Australian Society of Exploration Geophysics page.

Marina Costelloe
Honorary Secretary
fedsec@aseg.org.au

This Prototype Cesium Vapour Magnetometer Sensor from the ASEG virtual museum collection was generously donated by John Stanley, the inventor. John Stanley was given the Grahame Sands Award for this invention in 1988. The initial tasks in the development of this sensor were undertaken as a joint honours degree project at UNE in 1969 by Jim Cull and John Stanley. The tasks were to manufacture a Cs spectral lamp and absorption cell. The Cs spectral light source required to perform optical pumping demanded a high degree of stability and this was achieved by Jim Cull, who successfully built a valve driven oscillator that met this purpose. In 1970 John continued the project to develop a self-oscillating magnetic sensor and digital magnetometer as research towards his PhD. In the prototype shown, the valve oscillator has been replaced by a transistorised one (RHS) and the feedback electronics (LHS) were built using discrete transistor components. In 2016 this lamp was still functioning.





ASEG Technical Standards Committee

The ASEG Technical Standards Committee met at the 2016 ASEG-PESA-AIG conference. We were lucky to have Angela Manchester from Hexagon Geospatial attend to confirm that the ERMMapper file formats are staying and that support for .alg will be in upcoming versions of ERDAS Imagine. She also pointed out that their current SDK allows free, unlimited size reading of ECW compressed files, and the emergence of 'patch' grid capability in their geospatial software, which could change the process of grid merge.

Most previous items were signed off, with a few exceptions. Those were to look at creating a map of known test ranges and calibration pads on the ASEG website and also to look at questionable clauses cited in some LiDAR survey contracts that would inhibit the data being submitted to government. These clauses are considered obsolete and clients should not feel trapped into paying to 'redistribute' their own data. The Committee is still looking at archiving and file encapsulation methods, with our GA colleagues investigating NASA's CDF system.

The main topics of discussion were the variety of gravity reduction equations in use, and using geophysics to characterise strata. Phil Heath pointed out a range of published gravity reduction equations that may appear similar but are not the same. This is on top of different terrain corrections that can result in different products. Murray Richardson stated that the calculations dependent on geodetic coordinates will very soon be complicated because the upcoming GDA2020 datum will be our first dynamic datum. It was agreed to wait until after GDA2020 is announced before developing a position.

On the use of geophysical characteristics for strata recorded in Geoscience Australia's official strata record, it was agreed that recording the grids and geophysical types used to map a strata would be useful. Recording any more information could be problematic because of the often relative nature of the grid data or because written descriptions duplicate values available in the grid. Useful petrophysical ranges are often specific to locations within the terrain and attempts to aggregate all can render a dataset vague.

Two points were raised in other business. First, David Allen cited that many EM surveys are performed for farmers for salinity. It does not appear that they are collected by any state or federal government departments and their quality may not be what the exploration community are used to. Second, drone use is expected to explode. Contractors must have a remote pilot license from CASA in order to operate a drone.

Please do not hesitate to contact the Committee with your questions, big or small.

Tim Keeping
ASEG Technical Standards Committee
Chair
technical-standards@aseg.org.au

Exploration Geophysics achieves an impact factor >1

What is the importance of the 'Impact Factor'? Although calculated mathematically, the Impact Factor of a journal is more than just a number. By definition, it is a measure used to reflect the average number of citations from a journal as a ratio to the number of citable articles published within that journal over the course of one year. The reality is that many authors use Impact Factors to choose the journal in which to publish their articles as publication in a journal with a high Impact Factor can have a positive effect on their reputation as a researcher and, potentially, on their career. A journal is considered to be 'reputable' if it has an impact factor >1.

And so it is with considerable pride and equally considerable hard work, we can

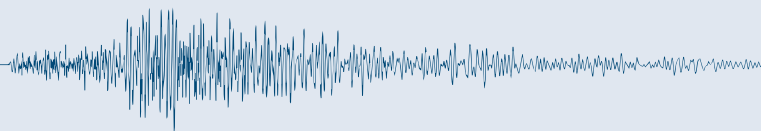
report that *Exploration Geophysics* has achieved an impact factor of 1.197 for 2015 (figures released mid-year 2016). For many years, in fact since 2010, *Exploration Geophysics* has been achieving results between 0.508 and 0.667, so for the latest jump to exceed 1.0 was a significant accomplishment.

Back in 2005, when Phil Schmidt took on the role of Chair of the Publications Committee, his first priority was to ensure that *Exploration Geophysics* was included in Impact Factor considerations. Impact Factors are assigned annually by Thomson Reuters. The next goal was to achieve an Impact Factor of >1. The hard work by the Publications Committee and the editors of *Exploration Geophysics* over time, particularly in recent years by

Mark Lackie, have ensured that the articles presented within the journal are of a high quality and peer reviewed by respected members of the geophysics community.

Any journal with an Impact Factor of >1 can be considered to have 'arrived' on the international scene and the number of high-quality articles submitted to *Exploration Geophysics* continues to grow. Thanks to the hard working team for these efforts and we look forward to continuing to increase our Impact Factor.

Andrea Rutley (ASEG President Elect)
presidentelect@aseg.org.au



ASEG Branch news

Western Australia

The WA Branch continued with another busy few months with technical presentations from **Jeremy Cook**, Evolution Gold, SEG Honorary Lecturer **Dr How-Wei Chen**, and **Dr Stanislav Glubokovskikh**, Curtin University. The Branch also hosted a DISC workshop by **Dr James Gaiser** on 3C seismics.

In coming months the Branch is hosting SEG Distinguished Lecturer **Professor Steven Constable**, and an 'Introduction to GPR' workshop presented by **Dr Jan Francke**, **Darren Hunt**, Teck, and **Dr Allan Trench**, UWA. We have a busy few months planned in the run up to Christmas. We hope to see all our Members at these events, including our end of year windup and AGM planned for 25 November.

Kathlene Oliver
(WA Branch President)

Australian Capital Territory

The ACT Branch has not been idle during a particularly bleak Canberra winter this year, but have instead used the opportunity to brush up on their inversion and seismic theory by taking in three excellent Branch technical events.

The first was a presentation by our very own ACT Student Scholarship winner, **Rhys Hawkins**, which drew an excellent crowd of ASEG Members keen to escape the cold and warm up with a good red! Rhys is completing a PhD at the Australian National University under the supervision of **Professor Malcolm Sambridge** and presented a portion of his thesis work on a Monte-Carlo inversion approach called trans-dimensional trees. Unlike conventional inversions where the initial choice of a fixed model parameterization has dramatic effects on the resulting inferences and the estimated uncertainty, trans dimensional trees offer a way to sample over different model parameterizations to obtain both parsimonious results and more robust uncertainty estimates. Rhys gave examples from ambient noise seismic and airborne EM inversions.

Immediately following the Adelaide Conference and Exhibition the Branch hosted a DISC course on three component seismic theory presented by **Dr Jim**

Gaiser. The one day course provided students with an overview of 3C seismic theory and practical application from fundamentals of PS-waves and VSPs, through to acquisition and processing including interpretation techniques.

Finally in September the Branch was fortunate again to host a 2016 SEG/AAPG Distinguished Lecture by **Professor Steven Constable** from Scripps Institution of Oceanography, University of California San Diego. Stephen has made a big contribution to a broad range of geophysical problems and is particularly associated with the development of marine electrical techniques. By popular poll the Branch invited Stephen to present his lecture about the ambiguities and pitfalls of inversion, 'Geophysical Inversion: Which Model Do You Want?'

The local Members will be hoping for some warmer weather in the remainder of the year!

Ned Stolz
(ACT Branch President)

New South Wales

In July, we held our annual dinner. It was held in a restaurant by the wharves with a view of the water; we ate lots of steak and fish, drank lots of reds and whites, and discussed lots of geophysical and non-geophysical topics. We had a good turnout and a great time was had by all.

In August, **Clive Foss** from the CSIRO presented a talk completed in conjunction with **Tania Dhu** (NT Geological Survey) entitled: 'Magnetic anomalies from non-magnetic holes'. Clive spoke about a case study that clearly establishes the need to consider contrasts rather than just absolute magnetization values in magnetic field interpretation. Clive outlined how these anomalies are due to holes in a magnetic sheet, producing a negative magnetization contrast with the surrounding material. Many questions were asked about contrast and remanence during and after his presentation, with discussion continuing into the evening.

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 Rugby Club in the Sydney CBD. Meeting notices, addresses and relevant contact details can be found at the NSW Branch website.

Mark Lackie
(NSW Branch President)

Queensland

Prior to the ASEG-PESA-AIG Conference in Adelaide this August the Queensland Branch held two social events; The Zoeppritz Night Pub Crawl and The Annual ASEG/PESA Trivia Night.

Both events were a huge success. We'd like to give a special thank you to our Queensland Branch Treasurer **Mr Henk van Paridon**, who donned the Quizmaster hat and provided a fun-filled evening with very challenging questions.

The Queensland Branch hosted two Technical Meetings in September. **Nabeel Yassi** presented his talk 'Current trends in onshore seismic data acquisition; a case study on cable-free nodal systems' on 13 September. SEG Distinguished Lecturer **Steven Constable** presented his talk 'Mapping Gas Hydrate using Electromagnetic Methods' on 22 September.

At this point in time, no meetings have been organized for the remainder of the year. We are looking for speakers for the end of the year and for 2017. If you're interested in presenting to the Queensland Branch please contact qldsecretary@aseg.org.au.

An invitation to attend Queensland's Branch meetings is extended to all ASEG Members and interested parties. Details of upcoming events will be posted to the ASEG website under the Qld Events tab when they are available. Please keep an eye out for future meeting announcements.

Megan Nightingale
(Qld Branch Secretary)

South Australia & Northern Territory

Since my last update, the pace has certainly changed for many here at the SA/NT Branch in the lead up to the ASEG-PESA-AIG 25th International Geophysical Conference and Exhibition.



With the conference preparations in full swing we only held one local technical evening.

At our July technical evening we were joined by **Phil Heath** from the Department of State Development. With a great crowd to present to at the Coopers Alehouse, Phil spoke about some of his recent work, with a talk titled 'The perils and pitfalls of gravity processing.' The talk provided a very thorough overview of all of the issues and potential remedies when planning, collecting and processing gravity data with a lengthy discussion followed the presentation. Our thanks go to Phil for taking the time to come and present to our Branch.

August saw the much anticipated ASEG-PESA-AIG 25th International Geophysical Conference and Exhibition, which was held at the Adelaide Convention Centre. This was a fantastic event with very good representation from all sides of industry, government and academia from both petroleum and minerals fields as well as environmental monitoring. Many thanks must go to all the presenters, key note speakers, exhibitors, sponsors and delegates, as without any one of these groups our conferences would never be as successful as they have been over the years.

Also thanks and congratulations must go to Plevin & Associates and all of the members of the local Conference Organising Committee, especially Phil Heath and Luke Gardiner the conference co-chairs – without their tireless efforts over the past two years this conference would not have been the great event that it was.

Our technical meetings are made possible by our very generous group of sponsors, which in 2016 includes Beach Energy,

Minotaur Exploration, Borehole Wireline and Zonge. We will be in touch with other previous sponsors hoping they will return again this year. 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 will also be holding our annual Melbourne Cup Luncheon in early November; further details can be found on the ASEG website. Also please keep an eye out for the upcoming SA/NT Branch Wine Offer, advertisements will be included in *Preview* and on the ASEG website. 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 or on 8338 2833.

Josh Sage
(SA/NT Branch President)

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.

Interested Members and other parties should also keep an eye on the seminar program of the University of Tasmania's School of Earth Sciences, which regularly

delivers presentations of geophysical as well as general earth science interest. Contact **Mark Duffett** taspresident@aseg.org.au for further details.

Mark Duffett
(Tasmanian Branch President)

Victoria

The Victoria Branch kept busy over the winter between talks and social events.

In July we had the pleasure of welcoming **Asbjorn N. Christensen** who gave a talk on 'Comparison of Satellite Altimeter-derived Gravity Data and Marine Gravity Data'. This talk was also presented the following month at the ASEG Adelaide conference.

August was the time of our traditional Winter Social event with our friends from PESA and SPE held at 'Henry and the Fox'. Despite the horrendous weather the venue was packed and the conversions lively!

We welcomed the spring by having **Gary Nicol** giving a talk on Seismic Acquisition planning. Using the Great Australian Bight BP survey example he emphasized the importance of creating permit specific seismic plan from pre-bidding to abandonment in order to decrease potential technical and commercial risks.

Our next meeting will be held on 26 September and we will welcome our Spring SEG lecturer from the US (University of California, San Diego), **Professor Steven Constable**, who will discuss about the choice of model in geophysical inversion.

Seda Rouxel
(Victorian Branch President)



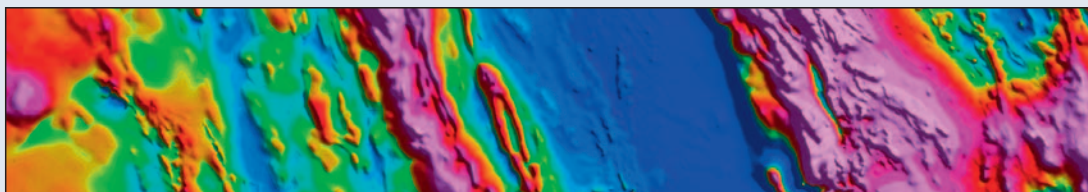
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ASEG national calendar: technical meetings, courses and events

Date	Branch	Event	Presenter	Time	Venue
2016					
12 Oct	WA	Tech night: Tina zinc deposit case study	Darren Hunt, Teck	1730–1900	TBA
19 Oct	NSW	Student night	Various	TBA	Rugby Club, Rugby Place, Off Pitt Street, Sydney
20 Oct	ACT	Tech talk: Geophysical Networks: Seismic, Geomagnetic and Infrasound Technologies	Marina Costelloe	1600-1800	Scrivener Room, Geoscience Australia, Symonston, Canberra
23 Oct	ACT	Morning tea		1030-1200	Adore Tea, Gold Creek, Canberra
Nov	Vic	Student night	Various	TBA	The Kelvin Club, 14-30 Melbourne Place, Melbourne
Nov	SA-NT	Student night	Various	TBA	Coopers Alehouse, Hurtle Square, Adelaide
Nov	Qld	Student night	Various	1730	XXXX Brewery, Corner of Black Street and Paten Street, Milton
16 Nov	NSW	Tech meeting	TBA	TBA	Rugby Club, Rugby Place, Off Pitt Street, Sydney
25 Nov	ACT	Christmas Party		TBA	TBA
25 Nov	WA	Christmas party and AGM	Various	TBA	TBA
1 Nov	SA-NT	Melbourne Cup Lunch	1200-1700	Ambassadors Hotel, Balcony Ballroom	107 King William Street, Adelaide
9 Nov	WA	Student Presentations	Various	TBA	TBA
10 Nov	ACT	Tech talk	Laurence Davies	1600-1800	Scrivener Room, Geoscience Australia, Symonston, Canberra
2 Dec	SA-NT	SAEMC (http://www.saexplorers.com.au/)	Various	0800-1700	Adelaide Convention Centre, Adelaide
14 Dec	NSW	Quiz night	TBA	TBA	Rugby Club, Rugby Place, Off Pitt Street, Sydney
14 Dec	Vic	Christmas lunch with PESA and SPE	TBA	TBA	TBA
15 Dec	ACT	Tech talks	Various	TBA	Sir Harold Raggatt Theatre, Geoscience Australia, Symonston, Canberra
2017					
Feb	SA-NT	AGM	TBA	1730	Coopers Alehouse, Hurtle Square, Adelaide
Feb	Qld	AGM	TBA	1730	XXXX Brewery, Corner of Black Street and Paten Street, Milton
15 Feb	NSW	AGM	TBA	TBA	Rugby Club, Rugby Place, Off Pitt Street, Sydney

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



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