

A new ASEG President

As incoming President of the ASEG for 2015 I should like to firstly thank the previous Presidents for their diligence, and for ensuring that the organisation was in better shape each time it changed hands. I also welcome Katherine McKenna as President-Elect. A number of other Members (relative youngsters like Dave Annetts) have also agreed to take on active roles on FedEx and in committees. Thanks to all of you and welcome. I can promise that collaboration on ASEG business with other Members will be a great investment in your careers.

When Koya Suto became President in 2013 he thought it would be a walk-over, a doddle, as everything was ticking over smoothly. *Exploration Geophysics* had had its first year as an international publication with SEGJ and KSEG, Dave Isles' and Leigh Rankin's *e-book Geological Interpretation of Aeromagnetic Data* had almost hit the markets, the new website and the first OzSTEP courses were about to be launched. What could go wrong? Well, we began to notice discrepancies between website and the membership database. Without dissecting the anguish that befell FedEx, suffice to say that we changed the Secretariat. Choosing another Secretariat was just as distressing but in the end TAS in Sydney came out in front. I salute Koya for overseeing this major change, which, perhaps, had been postponed for too long. Katherine and Koya are still sorting out anomalies in the database for this year's Membership Handbook. Greg Street continued bedding down the new Secretariat and addressed many related issues before moving onto fixing the website. So, I am under no illusion that, despite our very healthy financial position and the good shape that the basics (publications, website, education, Research Foundation) are in, we can continue to improve and I guess that will be my role, notwithstanding some disaster. I plan to consolidate the improvements in areas already started, particularly the website, and hopefully leave the ASEG even better than it currently is. Who was it that promised 'no nasty surprises and no lame excuses'? Well, my goal is to actually keep that promise!

Another recurring theme in previous Presidents' musings is their faltering initiation into the field of geophysics during 'busts'. Both Koya and Greg commented on their trials and tribulations as young geophysicists. This is easy to

understand. Students get interested in geophysics during 'booms' but by the time they graduate the industry is 'bust'. My early career was similarly afflicted (in fact Greg and I were both students at UNE in the early 70s). After the Poseidon crash, which was emblematic of the end of the late 60s/early 70s commodities bull market, I was offered post-graduate work and jumped at the chance. After a few years at ANU I earned a doctorate in palaeomagnetism/rock magnetism (yeah, I know, very specialised) and then went on to do a post-doc in Canada with the Geological Survey of Canada. Then I got really lucky and was offered a position in Ken McCracken's new CSIRO Division of Mineral Physics (where I was part of the Rock Magnetism Group, the only group actually doing mineral physics). I know many colleagues who have stayed with industry through thick and thin, and I'm sure they are more comfortably well-off than I am, but after years of research it was in my blood and, in any case, I was too specialised to be useful to an exploration company – I still am! Like Koya and Greg, my advice to young geophysicists is to stay in the industry until the first 'bust' is over and then you will be assured of an exciting career. Also, you will not know when the 'bust' is over by reading newspapers and listening to economic gurus. Go along to monthly ASEG Branch meetings and talk to the old guard. You might be surprised to find that some of the old guard can already sniff the chance of coming opportunities.

Speaking of the Branch monthly meetings, their attendance was a subject

of discussion at the Perth Council meeting. Attending monthly meetings is not compulsory, but I would highly recommend Members regularly show up and talk to other Members. This is free mentoring/tutoring and you will meet older Members who really have your welfare and the welfare of the ASEG in mind. We all want a thriving organisation that can respond to the next 'boom', which has probably already started.

I am currently involved in developing MSc projects with Mark Lackie at Macquarie University, where I am a Visiting Professor. This is quite an exciting exercise and I'll talk more about it on my national tour later in the year. My national tour will involve visiting each Branch, mainly to meet new Members and, perchance, to give them a 'state of the association' talk plus some information about my current interests/distractions. I hope to meet most Members but unless you attend your monthly Branch meetings we may not meet until the Adelaide conference.

The photo shows me flying my drone in the Flinders Ranges, SA, a couple of years ago. The drone is excellent for low level photography. I am currently adding some fluxgate sensors, which are now very low power and very affordable. Throughout my year as President I'll keep you informed of how successful, or otherwise, this venture is.

Phil Schmidt
ASEG President
president@aseg.org.au



Photo: Greg Baker.

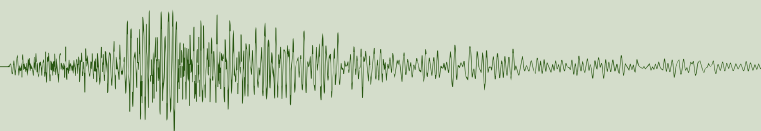
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Welcome to new members

The ASEG extends a warm welcome to 43 new members approved by the Federal Executive at its March and April meetings (see table).

First name	Last name	Organisation	State	Country	Membership type
Peeter	Akerberg		WA	Australia	Active
Naveed	Akram	University of Science and Technology China		China	Student O/S
Shaun	Anderson	Queensland University of Technology	QLD	Australia	Student
Benjamin	Armstrong	Macquarie University	NSW	Australia	Student
Day	Aung			Myanmar	Active O/S
Peter	Betts	Monash University	VIC	Australia	Active
Victor	Brusche	University of Queensland	QLD	Australia	Student
Abdul Rauf	Chaudhry	Bahria University		Pakistan	Student O/S
Alex	Costall	Curtin University	WA	Australia	Student
Amanda	Crehan	BHP Billiton – Illawarra Coal	NSW	Australia	Active
Daryl	Eyles	Melbourne University	NSW	Australia	Active
Oliver	Gaede	QUT	QLD	Australia	Active
Tasman	Gillfeather-Clark	Macquarie University	NSW	Australia	Student
Jeremie	Giraud	UWA	WA	Australia	Student
Stephanie	Hawkins	Macquarie University	NSW	Australia	Student
Tahir	Hussain Soomro	Mehran University of Engineering and Technology		Pakistan	Student O/S
Amery	Jackson	University of Adelaide	SA	Australia	Student
Steve	Johnson	SkyTEM Australia Pty Ltd	WA	Australia	Active
Anton	Kepic	Department of Exploration Geophysics	WA	Australia	Active
Tshepo	Khoza	Anglo American	Gauteng	South Africa	Active O/S
Bala	Kunjan	Cue Energy	VIC	Australia	Active
Heta	Lampinen	UWA	WA	Australia	Student
Mathieu	Landry	Glencore	Québec	Canada	Active O/S
Johnathan	Leonard	UTS	NSW	Australia	Student
Preeti	Mamidi	Osmania University		India	Student O/S
Hugh	Merrett	University of Adelaide	SA	Australia	Student
Nicklas	Nyboe	SkyTEM Surveys		Denmark	Associate
Olivia	Penlington	Macquarie University	NSW	Australia	Student
Christopher	Pike	3D Oil Limited	VIC	Australia	Active
Elizabeth	Plotnek	University of Adelaide	SA	Australia	Student
Christian	Proud	Curtin University	WA	Australia	Student
Muhammad Adrees	Raza	University of Sargodha		Pakistan	Student O/S
Alec	Saxvik	QUT	QLD	Australia	Student
John	Searson	Searson Consulting	WA	Australia	Active
Brij	Singh	Indian School of Mines		India	Student O/S
Jagadish	Somigari Vemula	Osmania University		India	Student O/S
Neil	Symington	Geoscience Australia	ACT	Australia	Active
Tiffany	Waller	Queensland University of Technology	QLD	Australia	Student
Dezhi	Wang	Jilin University		China	Student O/S
Thomas	Watson	QUT	QLD	Australia	Student
James	Wordsworth	Gao Geophysics Australia	QLD	Australia	Active
Haoming	Wu	Macquarie University	NSW	Australia	Student
Marko	Zegarac	Curtin University	WA	Australia	Student



ASEG Federal Executive 2014–15

Phil Schmidt: President (Honours and Awards Committee)
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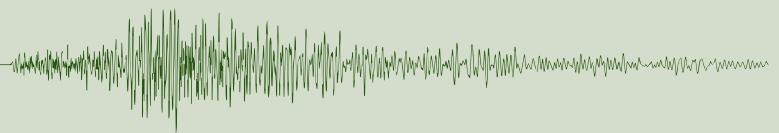
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2015 ASEG Annual General Meeting

The 2015 Australian Society of Exploration Geophysicists (ASEG) Annual General Meeting was held at the Rugby Club in Sydney on Wednesday 15 April 2015. The business of the AGM included:

- Confirmation of the minutes of the 2014 Annual General Meeting;
- Receipt of reports from the Federal Executive on the activities of the Society during the preceding financial year;
- Receipt of financial accounts and audit reports;
- Receipt of the ballot results for the election of the new office holders for the Federal Executive;
- Confirmation of the appointment of auditors for the 2015 financial year.

President's Report

- Society financially secure
- Successful 2015 conference with surplus in line with ASEG needs
- Consolidation of change of Secretariat
- Severing of relationship with CASM
- Membership database issues resolved – now using Currinda software for better management
- Record dollar contribution to Research Foundation
- Research Foundation 25 year review
- Research Foundation heading for major changes with Chairman stepping down in near future
- Supporting TESEP (Teacher Earth Science Education Programme) in Eastern Australia
- Review of finances ongoing in 2014
- Free student membership for Australian based students
- Website operational and payments on-line now easier
- Sale of *Exploration Geophysics* with SEG membership
- Push towards digital only *Exploration Geophysics*
- Expansion of *Preview*
- Start of history collection – needs work and volunteers
- President and past President visit to Houston SEG
- President and past President visit to EAGE Near Surface Athens

- OzSTEP programme launched – discussions on taking it overseas
- Successful visiting lecturers from EAGE and SEG
- FedEx and standing committees need more and younger members

As ASEG President I am pleased to report that the Society is in a good financial position and active across most states in Australia. Our membership numbers are somewhat diminished due, I believe, to the decline in exploration spending, but there remains a solid base.

The Melbourne Conference made a surplus of \$450 000. The Perth 2015 conference was a major success with around 1200 delegates and a predicted surplus of \$240 000 in line with the needs of the ASEG.

In 2014 the Federal Executive (FedEx) terminated the contract with CASM for the provision of professional secretarial services. We were not happy with their management of our affairs and in particular with their management of the membership databases. Under the management of Kim Frankcombe, we called for expressions of interest and interviewed three likely contenders in Sydney and Melbourne to replace CASM. The Association Specialists (TAS) a group that has run successful conferences for ASEG in the past were chosen from these candidates. Our contact there is Ben Williams and the office is in St Leonards in Sydney. Details are on our website.

Our major task in 2014 was getting the membership database under control. Under CASM there were at least three and possibly five or more databases in existence. We were losing respect from Members. Some Members were receiving multiple mailed copies of journals, emails etc. There appeared to be no link between Member's renewal preferences and what publications were being sent out. TAS recommended switching to a professional databases software provider Currinda to manage our database. This was implemented. It was not a simple task but it seems that we are now over this problem. Currinda sits behind the website so Members log in via Currinda to get access.

A more worrying note is that we appear to be losing Members. The previous state of the membership databases makes this unclear, but despite the 2015 conference our membership is down on numbers at the same time last year.

In addition, there was a major effort by the Federal Treasurer to get the ASEG finances into shape. There were many outstanding invoices, potentially written off by CASM, that were recovered by working closely with TAS. There also some provisions put in place to ensure at least some of these items no longer occur. The Treasurer has also been working with the Finance Committee to evaluate what the Society needs to keep in reserve and what kind of surpluses need to be generated by conferences. The Treasurer has instituted a new account coding system that is more logical than that used by CASM. The new system came into effect for the 2015 year. We have also developed a series of graphs that clearly show the state of finances against budget at each monthly meeting. At the end of my year as President we will have a much better idea about the state of the Society's finances.

As part of the withdrawal from CASM we also discovered we were paying for listing in White Pages in all states. We advised CASM that we had not approved this listing and left it for CASM to resolve payment.

In the 25th year of the ASEG Research Foundation (RF) the ASEG donated some \$142 060 to the RF for approved projects; this was more than the Society had budgeted. Research projects have gradually become more postgraduate focused in recent years. A 25-year review paper was published in the December issue of *Preview*. While the Research Foundation is an independent entity to the ASEG it remains dependent on the ASEG for funds. To provide certainty to the RF and allow proper annual budgeting for the ASEG the FedEx has capped the annual donation in future years at \$100 000, indexed for inflation. The concept of a self-funding Foundation has not eventuated but I feel that future committees of the RF should look at how this may be possible, similar to the SEG Foundation. The Chair of the Research Foundation Phil Harman has indicated he would like to step down. I would urge

potential volunteers to fill this role to contact Phil.

The ASEG also supported the TESEP (Teacher Earth Science Education Programme) in Eastern Australia with a \$25 000 grant. In WA a similar programme (STWA – Science Teachers Western Australia) is funded by companies.

In 2014 Phil Schmidt took on the role of President Elect and relinquished head of the Publications Committee. This role was taken up by Peter Hatherly; who developed a draft publications strategy paper that will be considered by Council. Marl Lackie has continued as Editor of *Exploration Geophysics*. John Theodoridis finished a two-year stint as *Preview* Editor and the position was taken up by Lisa Worrall. Lisa has expanded *Preview* to an average of 60 pages (normal issues) and is examining ways to take *Preview* into digital format using an App. She has also been examining ways to overcome the problems of publication by CSIRO Publishing that plagued John Theodoridis during his term. Face-to-face meetings have been organised to try and resolve some of these problems.

The website development has been slower than we would have liked. It is operational and most of the bugs ironed out but we can improve it further. Whether we like it or not the web will be our main delivery portal for most of our functions in the future.

The future direction for the ASEG website should include:

- a seamless link to membership page and membership renewal;
- a seamless link to publications so they appear as ASEG rather than CSIRO publications;
- uploads of workshop proceedings;
- a historical library of scanned instrument manuals;
- a virtual museum of geophysical instruments with background material on use;
- seamless links to conference (and past conference) websites;
- more advertising perhaps;
- more educational material for students;
- links to instructional videos possibly on YouTube.

I am sure you can think of more things you would like BUT the Web Committee needs more people to take on these tasks. The Committee could expand to 10 people to adequately take on these tasks.

This year Wendy Watkins took on alone the task of Education Committee which is clearly a major role for the Society. With support from Koya Suto she instituted the OzSTEP programme as well as oversaw the distinguished lecturer programmes from EAGE and SEG. This Committee needs to expand in 2015 to at least three people and preferably five. Duties of these five people would be:

1. Overall management
2. Manage OzSTEP minerals programme
3. Manage OzSTEP petroleum programme
4. Manage SEG distinguished lecturers
5. Manage EAGE distinguished lecturers
6. Develop educational material on the website – 2 to 3 people

Koya Suto again filled the role of International Affairs liaison. Over the past decade Koya has built up a wide range of international contacts in Asia, Europe and North America. He has overseen the links with SEG Japan and Korean SEG as well as developed MOUs with Mongolia and Brazil. Koya represented the ASEG at four conferences since the last ASEG conference and as president I also represented the ASEG at four overseas conferences.

The SEG conference remains the most important for the ASEG to attend. From our continuing involvement we get access to SEG distinguished lecturers and short courses and, from my trip to Houston, we have negotiated a profit sharing arrangement for the upcoming AAPG conference in Melbourne. Attending these conferences is costly. The Federal Executive has initiated a review into our overseas representation so that we will be able to both target our representation where it is needed most and ensure that the Society allows enough funds for the travel if the Society's representatives are not able to get part funding by coordinating their travel for the Society with travel for business purposes.

- SAGA (Kruger NP) – Greg Street
- SEG (Houston) – Koya Suto
- SEGJ (Yokohama) – Greg Street
- SAGEEP (Boston) – Koya Suto
- EAGE (Amsterdam) – Koya Suto
- SEG (Houston) – Greg Street, Koya Suto
- EAGE NS (Athens) – Greg Street and Koya Suto
- GeoSEA (Yangon) – Greg Street

The History Committee of the ASEG is one of the most active and has enough members to be considered a Specialist

Group. Mostly these are superannuated older members like myself and dominantly male. The major role has moved from history of the ASEG and Members towards history of what Members have done and trying to preserve pieces of significant older equipment. The concept of an historical collection of instruments is a reality with CGG donating a few pallet loads of equipment and more is promised from NSW Geological Survey among others. But we need a home for this equipment where it can be curated appropriately and put on display for the public. Kim Frankcombe posed the idea of a virtual collection on the website where Members could see pictures of instruments and the backing manuals as well as the history of the instrument. This is probably the easiest route to start with but it remains a goal to get some material on display in museums. It still requires work in the scanning of manuals and photographing of instruments.

Dave Robson is stepping down from the Technical Standards Committee at this meeting to be replaced as head by Tim Keeping. The Committee remains active and it is pleasing that standards developed by ASEG are being adopted elsewhere. During the year I wrote to the Head of CSIRO as ASEG President to ask him to consider taking an active role in the evaluation of 'new techniques' that fall into the 'Black Box'/'Black Magic' range. In reply he said that CSIRO had neither the mandate nor the capacity to assist.

The Federal Executive has continued the work it began in 2013 on developing and implementing a strategic plan for the Society. Our membership numbers have remained fairly static over the last decade, and our Members are ageing. The kinds of services we offer our Members have remained mostly unchanged. At the Council meeting prior to the Perth Conference we began a discussion on new kinds of services that Members want from the society. In 2014 we initiated a Specialist Group for Early Career Geophysicists with Millicent Crowe as interim Chair. The Specialist Group held its first planning meetings at the Perth Conference. We now look forward to setting up new Specialist Groups that are discipline focussed and welcome approaches for Members keen to take up this opportunity.

Greg Street
Outgoing ASEG President
pastpresident@aseg.org.au

Treasurer's Report

The audited financial statements for the year ending 31 December 2014 for the Australian Society of Exploration Geophysicists (ASEG) is presented in the following pages. The financial statements refer to the consolidated funds held by the Society as a whole, including the Branches.

The Society's funds go towards promoting the science and profession of geophysics throughout Australia, achieved by the following means:

- Funding publications (*Exploration Geophysics*, *Preview* and the *Membership Directory*)

- Supporting Branch functions
- Funding the national administration of the ASEG
- Continuing education programmes; provision of loans and grants for conventions
- Free student membership
- Provision of subsidies for student members
- Supporting the ASEG Research Foundation

As of 31 December 2014, the Income Statement for the year shows a net loss of \$312 184 and a Total Equity of \$1 114 694. By means of comparison in 2013 (a conference year), the Society made a surplus of \$144 579 and had total

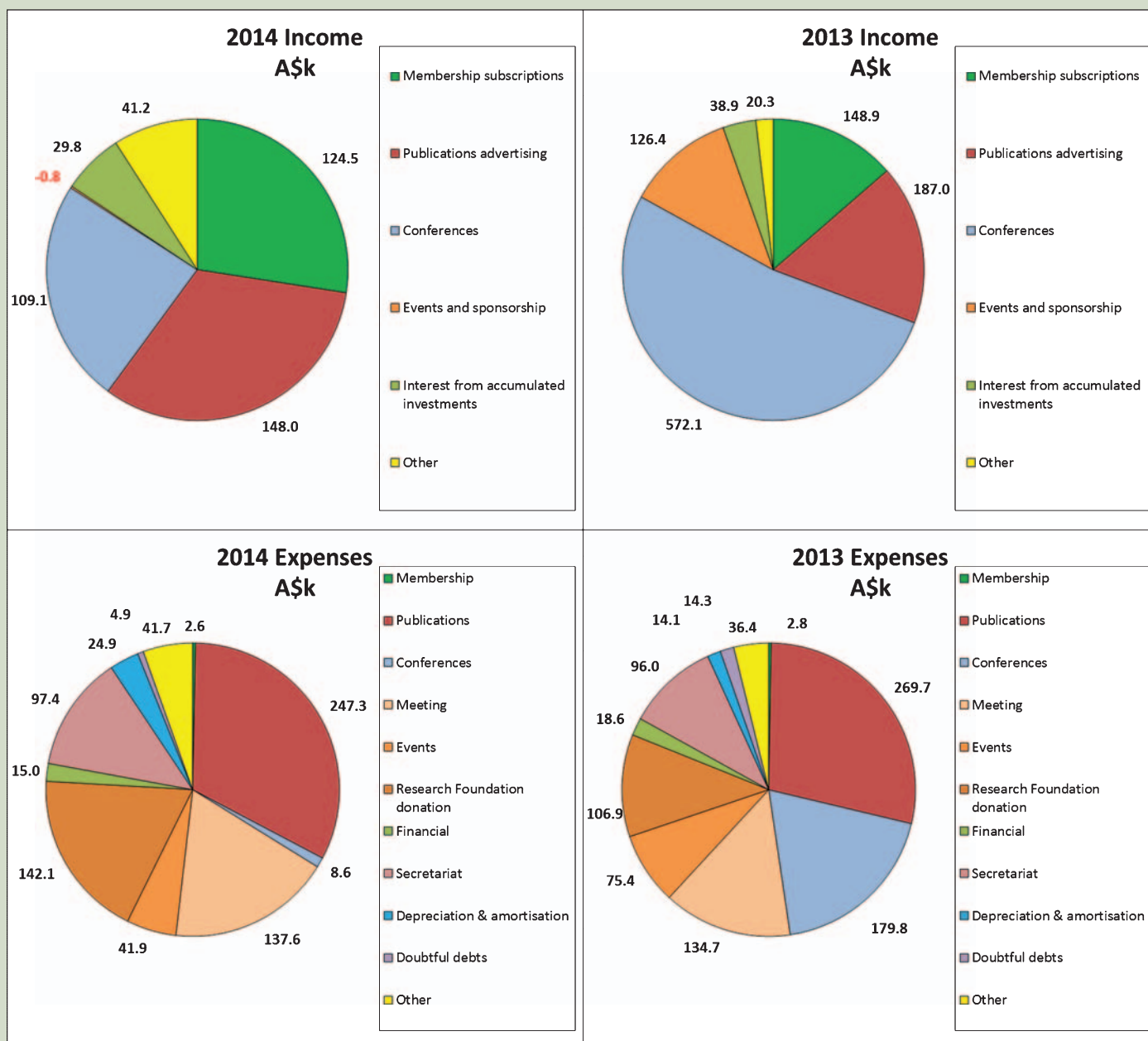
equity of \$1 426 878. The Society's revenue sources and expenses in 2014 can be found in the table and charts below. Values for the year ending 31 December 2013 are again presented for comparison.

The Society is in a very sound financial position going into 2015. The equity held will cover the uncertainty of income from future conferences.

Theo Aravanis

Honorary Treasurer (2014–15)

treasurer@aseg.org.au



Charts of income and expense items.

Revenue	2014	2013	Change from 2013
Membership subscriptions	\$124 491	\$148 871	-16%
Publications advertising	\$147 956	\$186 963	-21%
Conferences	\$109 143	\$572 098	-81%
Events and sponsorship	-\$800	\$126 426	-101%
Interest from accumulated investments	\$29 837	\$38 914	-23%
Other	\$41 198	\$20 272	103%
Total	\$451 825	\$1 093 272	-59%

Expense	2014	2013	Change from 2013
Membership	\$2579	\$2769	-7%
Publications	\$247 299	\$269 650	-8%
Conferences	\$8554	\$179 757	-95%
Meetings	\$137 570	\$134 746	2%
Events	\$41 904	\$75 449	-44%
Donation – Research Foundation	\$142 060	\$106 900	33%
Financial	\$15 040	\$18 629	-19%
Secretariat	\$97 438	\$95 999	1%
Depreciation and amortisation	\$24 923	\$14 086	77%
Doubtful debts	\$4907	\$14 277	-66%
Other	\$41 735	\$36 431	15%
Total	\$764 009	\$948 693	-19%

Profit/Loss after income tax expense	-\$312 184	\$144 579	-316%
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Election of Office-bearers

The four Directors of the ASEG who were elected at the AGM according to the Society's Constitution were:

President (Phil Schmidt),
President Elect (Katherine McKenna),
Treasurer (Theo Aravanis),
Secretary (Barry Drummond).



Outgoing President Greg Street hands the ASEG gavel to incoming President Phil Schmidt.

Appointment of Auditors

The AGM moved to appoint the following as the ASEG auditors for 2015:

TINWORTH ACCOUNTANTS & CO
Chartered Accountant and Business
Advisors
Level 2, 66 Berry Street, North Sydney,
NSW 2060, Australia.



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Victoria

On Friday 20 March the Victorian Branch of the ASEG hosted a technical lunch meeting with the SEG Pacific South Honorary Lecturer **Greg Beresford** presenting 'Some interesting concepts associated with seismic seafloor acquisition' drawing on his many years working with Ocean Bottom Cable seismic. Many thanks to Karoon Gas for providing us with a venue in the middle of the Melbourne Comedy Festival, which sees traditional meeting venues in Melbourne completely booked out for three weeks solid.

On Thursday 30 April we hosted a technical lunch meeting at the Kelvin Club, featuring **Bala Kunjan** from Cue Energy Resources. Bala presented 'Utilizing tuning/AVO phenomena to predict oil column height in the Tui, Amokura and Pateke Fields, New Zealand'.

We look forward to seeing many ASEG Victoria Branch members at meetings in the coming months.

Ashbjorn Norlund Christensen (Victorian Branch President)

Western Australia

The WA Branch had a very busy start to 2015, hosting a number of events including:

- ASEG-PESA Conference (February 2015);
- SEG Honorary Lecturer Greg Beresford (March 2015);
- SEG Distinguished Lecturer Jean Virieux (March 2015); and
- A Networking BBQ (May 2015)

As there were two technical events in March and the Easter holidays in April, it was decided not to host a technical event in April but to host a networking BBQ in May. We will return to our regular schedule of monthly technical events in June.

We had a good turn-out for the Networking BBQ, which was held on 7 May in Kings Park. Members enjoyed the chance to catch up with colleagues on a beautiful autumn afternoon. The venue in Kings Park proved very convenient and provided a lovely relaxing setting.

This year the WA Branch has changed its approach to corporate sponsorship of Technical Nights. We now have a pool of regular sponsors (Gold and Silver) which will enable us to continue to provide Technical Night events free of charge to Members. Thanks to our corporate sponsors:

- Gold:
 - o First Quantum Minerals Ltd
 - o Geosoft
 - o Resource Potentials
 - o Southern Geoscience Consultants
 - o Quantec Geoscience
- Silver:
 - o Atlas Geophysics
 - o ExploreGeo Pty Ltd

The calendar is fast filling up for 2015 including Technical Nights, technical seminars, travelling SEG lecturers, EAGE EET9, and OzSTEP workshops. Keep an eye on the ASEG website and mailouts for more information on upcoming events.

This year the WA Branch will again provide financial support to well-deserving geophysics students in WA

through the ASEG WA Branch Student Award programme. Application forms for the award will be sent out shortly with a view to presenting the awards during July 2015.

Kathlene Oliver (WA Branch President)

Australian Capital Territory

The ACT branch hosted Pacific South Honorary Lecturer **Greg Beresford** speaking about 'Some interesting concepts associated with seismic seafloor acquisition' in March. There were over 30 people in attendance. As a token of our huge appreciation the local ASEG branch presented Greg with a book – 'Shaping a Nation' (<http://press.anu.edu.au/titles/shaping-a-nation>).



South Pacific Honorary Lecturer Greg Beresford speaking to the ACT ASEG Branch at Geoscience Australia.

ACT Student Award Prizes

The ACT Branch selected the recipients for two student awards at the end of April. **Tim Jones** (PhD student) and **Sanjay Govindan** (Honours student), both from the Australian National University, were given a 2015 ASEG ACT Branch Student Award of \$2000 at our May meeting. Both have a history of academic excellence and both deserve the award. Congratulations Tim and Sanjay!



Tim Jones being presented the 2015 ASEG ACT Branch Student Award of \$2000 by Ross Costello.

In addition to featuring the Branch Student Awards the Branch meeting on 19 May saw **Adam Kroll** from FROGTECH presenting on 'Unmanned aircrafts role in the future of exploration'.



WA Branch Networking BBQ in Kings Park.



Sanjay Govindan being presented the 2015 ASEG ACT Branch Student Award of \$2000 by Ross Costello.

Adam spoke about UAV's and how they can potentially help all aspects of mineral exploration.

Marina Costelloe (ACT Branch President)

New South Wales

In March the NSW Branch of the ASEG hosted the SEG Pacific South Honorary Lecturer, **Greg Beresford**. Greg spoke about seismic seafloor acquisition, giving an overview of the concepts and challenges that are faced in obtaining data. Greg went through the basic theory of the technique and highlighted a few problems that he had encountered in his work and how he went about solving them. Much discussion followed his presentation and ample red wine was consumed discussing the finer points of seismic seafloor acquisition.

In April the ASEG AGM was held in Sydney. The President, **Greg Street**, gave a talk after the AGM on the barriers to adoption of geophysics. Greg went through a number of case histories where geophysics proved to be quite useful but the geophysical methodology was not adopted by the groups concerned on any ongoing basis. Much discussion followed.

Also in April we awarded the 2015 ASEG NSW Branch Student Scholarship. The recipient is **Alexandre Lemenager** from Macquarie University. The Scholarship is to assist the student with their geophysics research topic.

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 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

The Queensland Branch's calendar is brimming with exciting events for the second half of the year.

The festivities begin on Friday 24 July with the annual Zoeppritz Night Pub Crawl. This pub crawl is a relatively new tradition (established 2011). A wave of Queensland Branch geophysicists celebrates the work of Karl Bernhard Zoeppritz by demonstrating the effects of various density liquids on their propagation throughout the city.

August begets the annual ASEG/PESA Trivia Night (date TBA) with none other than our very own Branch Treasurer **Mr Henk van Paridon** donning the QuizMeister hat.

Brisbane will also host three OzSTEP courses later this year; two are petroleum based and one is minerals based. Tentative dates have been provided and will be updated on the Queensland Branch Calendar closer to the event. The first course, which is scheduled for 25 September, will be conducted by **David Lumley** and will focus on reservoir monitoring including discussions primarily on 4D seismic, but also passive seismic and 4D seafloor gravity. The second course, which is scheduled for 23 October, will be conducted by **Bob Musgrave** and will cover all things potential fields including a theory refresher, remanence, gravity and magnetic gradiometry, filtering, layer separation, interpretation of short- and long- wavelength signals, edge analysis, and inverse and forward modelling. The third course, which is scheduled for 4 November, will be conducted by **Brian Russell** and will cover concepts of AVO and Inversion. We will also be holding local branch meetings around the workshops.

Keep your eye on the Queensland events calendar on the ASEG website for updates and registration details closer to the date.

Megan Nightingale (QLD Branch Secretary)

South Australia & Northern Territory

Since the last edition of *Preview*, the SA/NT Branch enjoyed our second technical evening of the year, with presentations from two PhD Students from the University of Adelaide. **Kate Robertson**, recent recipient of the ASEG SA/NT Branch Student Travel Scholarship to

attend the ASEG-PESA 2015 conference in Perth, presented her work titled 'Traversing the Delamerian and Lachlan Orogens of Victoria with MT data to illuminate geological structures, fossil fluid pathways and serpentinisation'. **Stephanie Tyiasning** presented her work, which she also presented at the recent conference in Perth, titled 'AVO Sand prediction in the Cooper Basin, Australia'. Both talks were received well by all in attendance, especially given the very diverse nature of the subject matter. We thank both Kate and Stephanie for their efforts and the time taken to join us.

Without the support of all of our sponsors our monthly technical meetings would not be possible. As such, we would like to thank all of our sponsors for 2014, including Beach Energy, the Department of State Development, Geokinetics, Ikon Science, Minotaur Exploration, Petrosys, Santos, Schlumberger, Statoil and Zonge. We are currently in the process of contacting our sponsors and are thankful to those who have returned for 2015. Of course, if you or your company are not in that list and would like to give your support please get in touch via the email below.

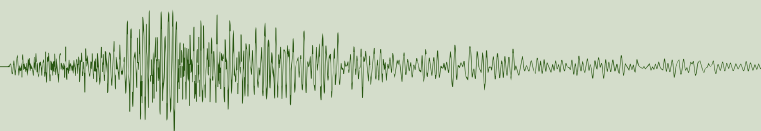
As usual, further technical meetings will be held monthly at the Coopers Alehouse on Hurtle Square in the early evening. We invite all Members, both SA/NT and interstate to attend, and of course any new Members or interested persons are also very welcome to join us. Also, keep on the lookout for OzSTEP courses to be held later in the year, more details to come in the next few months. 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.matthew.sage@gmail.com 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.

Mark Duffett (Tasmanian Branch President)



ASEG calendar: technical meetings, courses and events

Date	Branch	Event	Presenter	Time	Venue
2015					
7 Jul	ACT	Technical Talk	Dr Jon Clarke	1600–1700	Geoscience Australia, Symonston
8 Jul	WA	Technical Night	TBA	1730–1900	City West, Function Centre, Perth
24 Jul	QLD	Zoeppritz Night Pub Crawl		TBA	TBA
12 Aug	WA	Technical Night	TBA	1730–1900	City West, Function Centre, Perth
Aug	QLD	ASEG/PESA Trivia Night	Henk van Paridon	TBA	TBA
9 Sep	WA	Technical Night	TBA	1730–1900	City West, Function Centre, Perth
5 Oct	QLD	OzSTEP: Reservoir Monitoring/4D Seismic	Prof David Lumley, UWA	TBA	TBA
7 Oct	NSW	OzSTEP: Reservoir Monitoring/4D Seismic	Prof David Lumley, UWA	TBA	Rugby Club, off 31 Pitt St, Sydney
9 Oct	VIC	OzSTEP: Reservoir Monitoring/4D Seismic	Prof David Lumley, UWA	TBA	TBA
12 Oct	ACT	OzSTEP: Reservoir Monitoring/4D Seismic	Prof David Lumley, UWA	TBA	Geoscience Australia, Symonston
13 Oct	VIC	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	TBA
14 Oct	SA/NT	OzSTEP: Reservoir Monitoring/4D Seismic	Prof David Lumley, UWA	TBA	TBA
14 Oct	WA	Technical Night	TBA	1730–1900	City West, Function Centre, Perth
15 Oct	TAS	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	TBA
19 Oct	ACT	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	Geoscience Australia, Symonston
21 Oct	NSW	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	Rugby Club, off 31 Pitt St, Sydney
26 Oct	WA	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	TBA
28 Oct	SA/NT	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	TBA
30 Oct	QLD	OzSTEP: Potential fields for mineral exploration	Bob Musgrave	TBA	TBA
30 Oct	WA	OzSTEP: Reservoir Monitoring/4D Seismic	Prof David Lumley, UWA	TBA	TBA
2 Nov	WA	OzSTEP: AVO and Inversion	Brian Russell	TBA	TBA
4 Nov	QLD	OzSTEP: AVO and Inversion	Brian Russell	TBA	TBA
6 Nov	VIC	OzSTEP: AVO and Inversion	Brian Russell	TBA	TBA
6 Nov	WA	ASEG-PESA Golf Day	ASEG/PESA	TBA	Joondalup Golf Course
11 Nov	WA	Technical Night	Student Presentations	1730–1930	City West, Function Centre, Perth
18 Nov	WA	SEG HL Near Surface: The curse of dimensionality in exploring the subsurface	Hansreudi Mauerer	TBA	City West, Function Centre, Perth
19 Nov	SA/NT	SEG HL Near Surface: The curse of dimensionality in exploring the subsurface	Hansreudi Mauerer	TBA	TBA
20 Nov	WA	EAGE (EET9) Workshop: Satellite InSAR Data: Reservoir Monitoring from Space	Alessandro Ferretti	0900–1700	CSIRO, Perth
23 Nov	QLD	SEG HL Near Surface: The curse of dimensionality in exploring the subsurface	Hansreudi Mauerer	TBA	TBA
24 Nov	WA	AGM and Christmas Party		1730 till late	TBA
25 Nov	ACT	EAGE (EET9) Workshop: Satellite InSAR Data: Reservoir Monitoring from Space	Alessandro Ferretti	0900–1700	Geoscience Australia, Symonston
30 Nov	TAS	SEG HL Near Surface: The curse of dimensionality in exploring the subsurface	Hansreudi Mauerer	TBA	TBA
9 Dec	ACT	SEG HL Near Surface: The curse of dimensionality in exploring the subsurface	Hansreudi Mauerer	TBA	Geoscience Australia, Symonston
10 Dec	ACT	SEG HL Near Surface: The curse of dimensionality in exploring the subsurface	Hansreudi Mauerer	TBA	TBA

TBA, to be advised (please contact your state branch secretary for more information).