

AEGC 2018: Reflections

The First Australasian Exploration Geoscience Conference (AEGC 2018), which incorporated the 26th ASEG Geophysical Conference and Exhibition and the PESA Basins Symposia, was held at the newly renovated International Convention Centre in Sydney in February 2018. The conference was jointly hosted by the AIG, ASEG and PESA.

Here are some statistics from the conference:

- 960 delegates
- 90 exhibitors
- 18 conference sponsors
- 15 keynote presentations
- 270 regular oral presentations
- 90 posters
- 8 workshops
- 7 official social events.

Sydney's February weather behaved itself and, after a couple of days of workshops and a geological tour of the Blue Mountains, the conference began with opening drinks in the exhibition area on the Sunday afternoon.

The conference theme 'Exploration • Innovation • Integration' reflected the broad subject of the conference: exploration, be that for petroleum, minerals or groundwater resources, and innovation and integration in terms of what needs to be done to best explore for resources. The large technical program, exhibition, and workshops allowed delegates to experience what is new and best in the exploration for resources.

Some highlights of the conference were:

- Peter Botten's plenary address.
- Phil Cooney coming from behind to win the 'quiz' at the dinner.
- The 'buzz' in the Exhibition Gallery.
- The quality of the technical sessions.

The Conference Organising Committee have received much praise for the conference, which has been greatly appreciated. The post-conference survey indicated that the vast majority of delegates and exhibitors were very pleased with how the event went. Thank you to everyone involved in organising

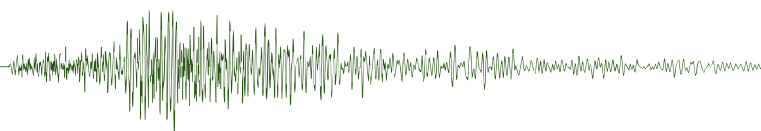
this major conference and exhibition, it just cannot be done without all the volunteer help. An extra thanks to all those reviewers of small and extended abstracts who reviewed all those abstracts with severe time limitations. As well, thanks to the Chairpersons who made the technical program run smoothly.

We hand the baton to the WA branches of the AIG, ASEG, and PESA and wish them all the best of luck for the Perth Conference in September 2019. While the AEGC will evolve, registrants can be assured that all the aspects of the ASEG-PESA-AIG conference that they love will still be there, whether it be catching up with colleagues, clients and contractors, seeing the latest geophysical innovations in the exhibition hall or the technical geophysical presentations at the oral sessions.

On behalf of the 2018 Conference Organising Committee
Mark Lackie and Max Williamson
(Co-chairs)



The 2018 Conference Organising Committee on stage during the closing plenary.



AEGC 2018: conference and exhibition awards

Laric Hawkins Award: For the most innovative use of a geophysical technique from a paper presented at the (ASEG) conference

Malcolm Cattach, Christopher Parker and Russell Mortimer

Sub-audio magnetics (SAM) – ground-based and HELISAM FLEM trials at the Forrester EM test range

Best oral paper – minerals

Kate Hine

Woodlawn revitalised by DHEM

Best oral paper – minerals

Daniel Sattel

Passive EM processing of MEGATEM and HELITEM data

Best oral paper – energy

David Long

The Ungani Oil Field, Canning Basin - evaluation of a dolomite reservoir

Best oral paper – Near-surface and groundwater

Regis Neroni

Application of the passive seismic Horizontal-to-Vertical Spectral Ratio (HVSr) technique for embankment integrity monitoring.

Best student oral paper – minerals

Tasman Gillfeather-Clark

Self-organising maps – a case study of Broken Hill

Best student oral paper – energy

Natalie Debenham

The influence of reverse-reactivated normal faults on porosity and permeability in sandstones: a case study at Castle Cove, Otway Basin

Best poster paper – minerals

David Clark

Borehole measurements within highly magnetic bodies – corrections of measured magnetic fields and gradients

Best poster paper – energy

Tim Dean

The seismic signature of rain

Best poster paper – near-surface and groundwater

Shigeo Akuma, Masahiko Makino, Ayumu Miyakawa, Tadashi Nakatsuka, Yoshiharu Otsuka, Shunsuke Kudo, Makoto Yanagida, Toshinori Sasaki and Tatsuji Sugimori

Magnetic imaging of ultramafic bodies on the site of the Ohi nuclear power station, central Japan

Best student poster paper – minerals

Harrison Jones

Geophysical signature of the southern Gurubang base metal occurrence in south eastern NSW

Best student poster paper – energy

Victorien Paumard, Julien Bourget, Benjamin Durot, Sébastien Lacaze and Tom Wilson

Full-volume interpretation methods: applications for quantitative seismic stratigraphy and geomorphology of the Lower Barrow Group, Northwest Australia

Best student poster paper – near-surface and groundwater

Bibirabea Sedaghat, Ralf Schaa, Brett Harris, Andrew Pethick, Alex Costall, Jingming Duan and Wenping Jiang

Magnetotelluric, basin structure and hydrodynamics; south west of Western Australia

Best small exhibitor

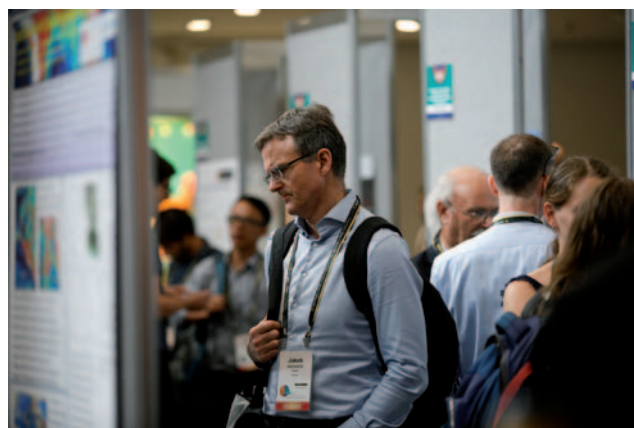
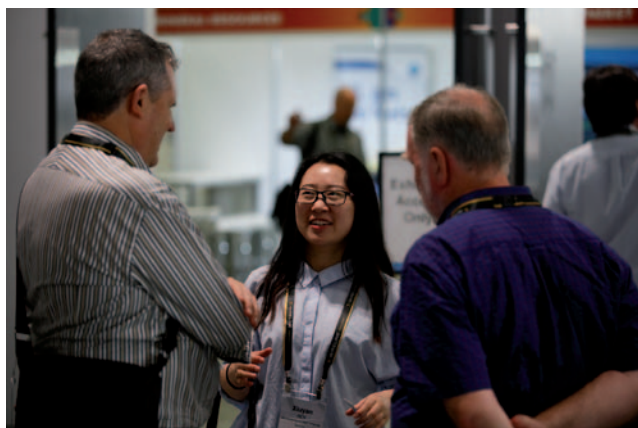
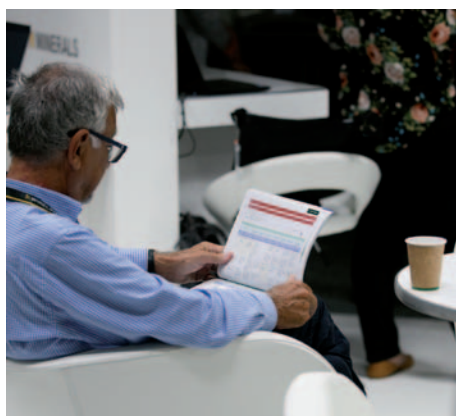
Terrex

Best large exhibitor

Oil Search



The conference awards for best paper were sponsored by First Quantum Minerals and all winners were also presented with a gold coin.



AEGC 2018: ASEG honours and awards

ASEG Gold Medal: Robert (Bob) Smith

The ASEG Gold Medal is awarded from time to time for exceptional and highly distinguished contributions to the science and practice of geophysics by a Member, resulting in wide recognition within the geoscientific community. The ASEG President announced at the ASEG awards ceremony held at the AEGC in Sydney in February that the ASEG Gold Medal has been awarded in 2018 to Bob Smith, a Member of the ASEG since its formation in 1970.

This award specifically recognises Bob's distinguished service to the profession, both in Australia and overseas, through his contributions to industry, research and education over a 50-year period, and his outstanding work and support for the ASEG and other professional bodies.

After graduating from the University of Melbourne in 1960 with a BSc (Hons) majoring in physics, Bob embarked on a geophysical career in 1961 with the Bureau of Mineral Resources, based in Melbourne and later Canberra. In 1968, he moved to Adelaide to take up the position of Chief Geophysicist with McPhar Geophysics P/L, managing McPhar's geophysical contracting services in Australasia. In 1973, he built up and managed a successful consulting practice in mineral exploration.

In 1977, Bob was appointed to the role of Chief Geophysicist for CRA Exploration Pty. Ltd (CRAE), where he was charged with leading and developing the acceptance and application of geophysics and related technology within CRA. The role included representing CRAE on various government committees and industry professional groups. Bob led the introduction and development of modern geophysical methods during a period of unprecedented expansion in CRA. CRAE soon became recognised as an industry leader in geophysical applications in mineral exploration.

Bob was instrumental in recruiting and training geophysical staff to develop an integrated role within what became the world's largest mining company, with the most extensive exploration program seen to date. He provided technical support to all geophysical operations in CRAE's exploration activities, resulting in several discoveries which could be directly attributed to the geophysical input.



Bob Smith receiving his award from ASEG President Andrea Rutley.

During his two decades with CRA (which merged with Rio Tinto in 1995), Bob became an active supporter and initiator of a wide range of research projects, many through AMIRA and others within CRAE. The developments in TEM and IP in Australia at that time were part of a broad-based cooperative program, with CSIRO at the centre and most exploration companies contributing both funds and expert input. Bob's input and leadership were major ingredients in the success of these collaborative programs.

As part of this drive for innovation and problem solving, Bob developed and maintained strong links with the geophysical community worldwide, and visits to Australia by many 'world experts' resulted. Through this co-operation and sharing of expertise, Bob and mineral geophysics in Australia achieved wide international recognition.

During his time at CRAE/Rio Tinto, Bob built a formidable geophysical team, many starting as young, green graduates and progressing under Bob's guidance to make their mark within and outside that group as innovators, leaders and discoverers in their own right. Bob's legacy remains strong within the Rio Tinto group but also industry wide where geophysicists

mentored by him have subsequently made their mark in exploration applications and discoveries worldwide.

Bob's promotion of the integration of geology and geophysics in exploration was no better exemplified than his initiation and implementation, in partnership with the late Prof David Boyd and other industry geophysicists, of the AMF course 'Geophysics for geologists'. This long running course was attended by over 600 geologists in Australia and overseas over three decades, and has arguably helped to create a special 'Australian brand' of close cooperation between geophysicists and their geological colleagues.

Bob's contributions to ASEG have been outstanding, having been a Member since the Society's inception, and an active supporter and contributor to the present day. He served as Federal President in 1987-88 and was the founding Chairman of the ASEG Research Foundation in 1990. Bob was a member of the ASEG-PESA Conference Organising Committee in Melbourne 2013, and an organiser of Airborne Gravity and Natural Fields EM Workshops held in conjunction with ASEG conferences in 2004, 2010, 2012, and 2016. He has attended and had an

active participation in every ASEG conference since the first meeting in Adelaide in 1979. Bob was awarded Honorary Membership of the ASEG in 1997 for his outstanding contribution to the ASEG and the profession to that time.

He has also had an active role in other professional organisations, including the SEG (Associate Editor, conference technical chairman), the AusIMM (Geoscience Society Committee member, and representative on AGC). He was also a member of the Technical Advisory Committee for the Australian Mineral Exploration Technologies CRC from 1995–2000 and a similar role at AGSO during the 1990s. He has been an invited speaker at several Australian and international conferences and has authored or co-authored many published papers including state-of-the-art papers on geophysical technology development and the role of geophysical methods in mineral exploration.

A flow on effect of Bob's professionalism throughout his career was, and is, still a firm focus on quality control in contractor-acquired data. The Australian contracting industry has benefited and owes much to Bob's sharp eye for quality data.

Since retiring from Rio Tinto in 1999, Bob has continued practicing as a consultant and has remained very active in the ASEG and the ASEG Research Foundation. One of his main achievements has been the advancement of the University of WA Airborne Gravity Gradiometer (AGG) project to the stage where it was ready for funding to completion by a third party. Since 2000, he has served on a management committee overseeing the project and monitoring development of the system. The RJ Smith Airborne Gravity Gradiometry test range near Karing (WA) is named in honour of his efforts in the field of AGG.

Wider recognition of his services to the industry have come in the form of the Australian Centenary Medal Award in 2003 'for service to Australian society in geophysics and mineral exploration', and the AusIMM Branch & Society Service Award in 2014. In later years as he nears retirement, he has become a State Emergency Service (Victoria) volunteer, and a keen golfer.

It is only fitting that his positive influence on the science and on many members of the profession, his distinguished career spanning over 50 years, and his on-going

contributions to the ASEG and the professional development of its Members should now be recognised with the award of the ASEG Gold Medal.

Lindsay Ingall Memorial Award: Andrew Slood

The Lindsay Ingall Memorial Award is intended for an Australian resident or former resident for the promotion of geophysics within the non-geophysical community, including geologists, geochemists, engineers, managers, politicians, the media or the general public. The award honours the memory of an ASEG founder, past President and Honorary Member, the late Lindsay Ingall, for his capacity to cross geoscience boundaries, his ability to relate technically and effectively with other professionals, regardless of their own understanding of the principles of geophysics, and for his enduring commitment to assist geoscientists across Australia. It is awarded to an individual who has actively promoted geophysics to the wider community.

The award in 2018 is made to Andrew Slood, a Sydney-based ASEG Member who is well known to mineral industry geophysicists and the broader geological and corporate community as a passionate advocate and promoter of geophysics and the resources industry. His nomination for this award has been strongly supported and endorsed by many company geologists and exploration managers.

Andrew is an experienced geophysicist with expertise in the implementation of numerous geophysical technologies to provide beneficial information for a range of resource projects. His detailed knowledge of a wide range of geophysical methods and his unassuming manner facilitate his very successful communication with geoscientists, exploration executives, landholders, and community stakeholders.

He is recognised for his capacity to communicate effectively in a non-technical manner, his good understanding of exploration methods and geological objectives, and for his clear presentation and discussion of geophysical exploration data. He encourages and fosters respectful communication with landowners and community representatives, to explain the activities and processes that are used in the exploration work, and to respect and work around the farming activities that may be temporarily affected by the work.

Feedback from the landowners suggests they are impressed with Andrew's professionalism and understanding of their needs, as well as providing them with an insight into the practical uses of geophysics for applications outside of mineral exploration.

Andrew also is an enthusiastic mentor and supporter of early career geoscientists. He maintains a policy of offering employment to graduates to gain vital early career experience, and assist them make the progression from university to the real world of exploration. He has been a positive mentor for young people for many years.

He has also provided assistance to undergraduates contemplating a career in geophysics by recounting his early professional experiences to students at AIG Careers Nights. He actively encourages students and young professionals to attend society meetings to acquire knowledge and develop professional networks.

Andrew has been an enthusiastic supporter of the ASEG over many years and has participated as an exhibitor in numerous ASEG-PESA Conferences. He is a regular geophysical exhibitor at AIG and SMEDG events, always being available to talk to geologists about the role of geophysics in mineral exploration. He is an active member of the SMEDG Organising Committee, has chaired SMEDG meetings, and has helped to coordinate speakers for various SMEDG talks.

He has also been an active participant on the Technical Committee of the ASEG Ground Geophysical Survey Safety Association, established in 2011 to advance safety procedures for the benefit of non-technical crew-members and the general public.

Andrew Slood has been described as a 'credible and worthy ambassador for the



Andrew Slood receiving his award from ASEG President Andrea Rutley.

News

discipline of geophysics'. The Lindsay Ingall Memorial Award is therefore an appropriate recognition of Andrew's achievements in actively promoting geophysics to the wider community over many years.

Shanti Rajagopalan Memorial Award: Shaun Strong

The Shanti Rajagopalan Memorial Award, inaugurated in 2013, is presented for the best paper published by a Student Member in *Exploration Geophysics* in the period prior to each ASEG Conference.

The award is named in memory of the late Dr Shanti Rajagopalan, who passed away in 2010 at the prime of her career. Shanti was one of the best known and respected members of the ASEG, and was well known for her outstanding contributions to the geophysical profession.

Shanti was also a major contributor to the ASEG. She was a great supporter of her local branch, served as Victorian Branch President, and was actively involved in the organisation of ASEG conferences in Hobart and Melbourne. She was also Editor of *Exploration Geophysics* in 2000 and 2001.

But it is most noteworthy in the context of this award that, in 1987, as a student Member, Shanti received the inaugural Laric Hawkins Award for the most innovative use of a geophysical technique from a paper presented at the ASEG Conference. It is therefore very appropriate that an award to encourage technical excellence by our Student Members is named in honour of Shanti.

The winner and recipient of the Shanti Rajagopalan Memorial Award for 2018 is



Shaun Strong receiving the Shanti Rajagopalan Memorial Award from ASEG President Andrea Rutley.

Shaun Strong, for his paper co-authored with Steve Hearn entitled 'Statics correction methods for 3D converted-wave seismic reflection'. The paper was published in *Exploration Geophysics*, Vol. 48, pp. 237–245.

Shaun completed his PhD at Queensland University in December 2016. He is currently working for Velseis in Brisbane as a geophysicist with responsibilities in both the research and acquisition departments.

Honorary membership of the ASEG: John Denham

ASEG honorary membership has been conferred upon long-standing NSW Branch member John Denham, in recognition of his distinguished service to the petroleum exploration industry in a career spanning more than five decades, and for his most valuable contributions to the ASEG over many years.

John was born in Parramatta in 1941, and after graduating with a BSc in geology and geophysics from Sydney University in 1962, he started working for Austral Geo Prospectors (later United Geophysical) as a 'Computer' on seismic field crews in Queensland. By 1965 he was Party Chief of a seismic crew in the Simpson Desert, later in Queensland and PNG, gaining experience in conventional land seismic operations, desert and jungle operations.

In 1971 he joined BHP Petroleum in Melbourne as a Senior Geophysicist, remaining there until late 1993, filling a variety of roles, including that of Chief Geophysicist, involving BHPP operations worldwide. This involved field operations, processing and interpretation of both land and marine data. He pushed and oversaw the introduction of digital technology into BHPP from the early 1970s, including one of the first interactive interpretation systems in Australia in 1983.

During this time, he published papers in APEA, ASEG, AusIMM and SEG journals on subjects as diverse as depth conversion, case histories, field techniques, interactive interpretation, processing, geophysics education, and geophysics history. John's professional career has been characterised by an enquiring mind, and a pragmatic approach to improving seismic methodologies.

After over two decades with BHPP, John continued his career for some years as a

consultant, doing a number of relatively small jobs in Australia and the USA.

During his career John has made an exceptional contribution to the ASEG, again focusing on scientific rigour and advancement. A member of ASEG since 1971, he initiated a petroleum geophysics conference in Melbourne, was technical co-chairman of the 1989 ASEG conference in Melbourne, and served as Editor of *Exploration Geophysics* from 1994 to 1999.

At the inception of the ASEG Research Foundation in 1989, John volunteered to serve on the committee, and was appointed Chair of the Petroleum sub-committee. He has retained this role to the present, each year vetting applications to ensure that supported research projects are both scientifically sound and practically worthwhile. John maintains an interest in graduates who have been supported by the Foundation, and can often be found at ASEG conferences mentoring the next generation of geophysicists.

John was awarded an ASEG Service Certificate in 2003 in recognition of his significant contributions to the Society at that time. He has continued to support the Society, and has been a regular attendee and contributor at almost all ASEG conferences since the inaugural meeting in 1979. John is also an important member of the History Committee due to his knowledge of the society from its early days.

John has managed to fit in many other leisure activities during his busy career. He has held a Private Pilot's licence since 1967, and has also been involved in sailing since the mid-sixties, building an 11 m schooner in 1979, which he twice sailed from Melbourne to North Queensland and back. In retirement, John lives on a farm, which he has owned since 1983, at Elong Elong near Dubbo in Central West NSW. 'John from Elong' is well known in his local community as a long standing radio quiz champion where his expertise ranges far from geophysics, fuelled by decades of reading. He has also served as a volunteer with the local Rural Fire Service brigade.

It is very fitting that the ASEG now recognises John's outstanding contributions over many years to the ASEG and to the geophysics profession, with the award of honorary membership of the ASEG.



John Denham receiving his award from ASEG President Andrea Rutley.

Honorary membership of the ASEG: Andrew Long

ASEG honorary membership has been awarded to Western Australian Branch Member Dr Andrew Long, in recognition of his outstanding contribution and leadership in petroleum geoscience spanning 30 years, and for his valuable contributions to the ASEG over many years.

Andrew is a graduate from the University of Melbourne (BSc, 1985), Curtin University (Post Graduate Diploma in Petroleum Geophysics, 1986), and the University of Western Australia (PhD, 1996). In 1993, he was awarded the Alumni Medal by Curtin University.

Early in his career he applied his land seismic acquisition and processing experience to satellite altimeter data used for oceanic gravimetry while working part-time at World Geoscience during his PhD studies. The small team he led introduced the first commercial satellite gravity solutions to the Asia-Pacific region in 1993, and the results received best petroleum presentation at the 1994 ASEG conference in Perth.

This work also attracted the attention of Prof Jon Claerbout from Stanford University, and culminated in Andrew working as a Post-Doctoral Research Affiliate with both the Stanford Exploration Project (SEP consortium) and the Crustal Geophysics Group after completing his PhD in 1996. He later returned to Stanford in 2001 as a Visiting Scholar with the Stanford Rock Physics and Borehole Geophysics Group whilst working for PGS. His Stanford experiences heavily influenced how he has embraced the value of academic partnerships with industry since, and his enthusiasm for the promotion of technology at international forums.

He is currently Chief Scientist with the Sales & Service division of PGS, and actively promotes geophysical technologies within PGS - an international company with about 2000 employees - and the wider geophysics community via regular publications in many journals. At PGS he also administers their sponsorship and participation in 13 international university consortia.

Andrew has been an ASEG Member since 1991 and has presented over 20 papers at ASEG conferences, including three efforts where he presented four papers at the same conference (2004, 2006 and 2013). He has variously been awarded best oral presentation (single author), best written paper (as a co-author), and presenter (for a colleague) of the paper awarded the Laric Hawkins prize in 2006. He has also won presentation awards from APPEA, IPA, and the SEG.

Andrew is highly active within the SEG and EAGE organisations, being the inaugural SEG Honorary Lecturer for the Pacific South region in 2009, and a presenter of several SEG and EAGE courses. A regular speaker at various Australian and International universities, as well as ASEG and PESA state chapters, he is an active member of ASEG, SEG, EAGE, PESA and SEAPLEX.

Andrew actively seeks to engage with, encourage and mentor young geoscientists across the Australian and International oil and gas industry. He is a great supporter of geophysical innovation in the industry, and encourages others through his regular participation and presentations at conferences, publication of his work, and refereeing the work of other Australian and international geophysicists.

Andrew has been a great supporter and contributor to ASEG-PESA Conferences over many years. The 2015 ASEG-PESA conference line-up of international petroleum keynote speakers, which he had a major role in assembling, reflects the strength of his industry and academic contacts. His dedication to research and thirst for excellence in his projects was evident in the early days of his career, and are qualities he has taken with him through his 30-year geophysical career.

Andrew is an extraordinary contributor to the geophysical community in both a technical sense and as a community volunteer. To acknowledge these outstanding contributions to the profession and the ASEG over many years, the

ASEG is pleased to confer the award of honorary membership to Andrew Long.



Andrew Long receiving his award from ASEG President Andrea Rutley.

ASEG Service Certificate: Yuzuru Ashida

Professor Yuzuru Ashida has been awarded an ASEG Service Certificate for his distinguished role in promoting international co-operation between the ASEG and SEG Japan, and in enhancing the international status of ASEG publications.

Professor Ashida graduated from Kyoto University in 1967 and received his doctorate from Tokyo University in 1985. After 20 years in Japan Petroleum Exploration Co Ltd, he joined the Faculty of Engineering of Kyoto University as a lecturer, and progressed to Associate Professor in 1988, then Professor in 1996. He has served the SEGJ as a member of various committees and on the SEGJ Board, and was elected President for the period 2002-2004. He was awarded the Best Distinguished Paper in 1980 and 1990, a Service Certificate in 1998, and an Honorary Membership of the SEGJ in 2014.

Since 1995, Professor Ashida has been a supporter and regular attendee at ASEG conferences. He became an ASEG Member in 2003. His active contribution to the ASEG commenced in September 2000 with his role in establishing the ASEG's first association agreement with an international geophysical society – the SEGJ. Since then, the ASEG has concluded association agreements with eight international societies. The SEGJ is now a regular participant in ASEG Conferences and the ASEG has been invited to the International Symposia organised by the SEGJ.

The tie between ASEG and the international associations has also been enhanced by Professor Ashida's leading role in initiating the joint publication of *Exploration Geophysics* between ASEG and SEGJ. He also proposed the inclusion of the Korean SEG as contributors to the joint journal. Lindsay Thomas, the Managing Editor of *Exploration Geophysics* at the time, was convinced by Professor Ashida's arguments for the joint-journal concept, and was also appreciative of his assistance in some aspects of the implementation of the new development.

These initiatives have increased the quality and quantity of the articles in the journal, leading to improvement of the international ranking of the journal, and raising the prominence and status of the ASEG in the world geophysics community. *Exploration Geophysics* now enjoys an increased international reputation within the profession, due to the greater diversity of content that has resulted from Professor Ashida's initiative.

The ASEG is pleased to recognise Professor Ashida's achievements and significant contributions to both the ASEG and its associate international societies, with this award of the ASEG Service Certificate.



Yuzuru Ashida receiving his award from ASEG President Andrea Rutley.

ASEG Service Medal: David Robson

The ASEG Service Medal awarded for outstanding and distinguished service to the ASEG over many years. The recipient in 2018 is David (Dave) Robson, a member of the NSW Branch and ASEG Member since 1972.

Following his graduation with a BSc and a Post Graduate Diploma of Applied Geophysics from the University of NSW

in 1972, David gained valuable experience in the contracting industry with Scintrex Pty Ltd before joining the BMR (now Geoscience Australia) in 1974, where he utilised geophysical technology to characterise known ore bodies, and to assist with regional geological mapping programs in northern Australia. In 1980, he joined WMC as senior geophysicist based in Melbourne and Kalgoorlie. In 1994, he joined the Geological Survey of New South Wales (GSNSW) in the role of Chief Geophysicist, a role he held for over 20 years, until his retirement in 2014.

As Manager of the Regional Mapping Group and Chief Geophysicist at GSNSW, David was responsible for a team of geologists and geophysicists that maintained, updated and interpreted NSW geological, geophysical and other datasets. This included government surveys, and the collation and archiving of private company surveys for release as open file data. Quality control and standardised formats were key issues for Dave in his custodian role for GSNSW, and he acted to implement processes and protocols that would benefit future data users. He actively promoted geophysical surveys to the government, secured substantial budget allocations for airborne and ground geophysics, and scrupulously managed contract data acquisition and processing. He was determined to provide the best possible public datasets, not just for NSW but to ensure compatibility across Australia.

The award of the ASEG Service Medal is largely in recognition of David's outstanding service to the ASEG over many years, through involvement in and contribution to State Branch Committees, Conference Organising Committees, the ASEG Technical Standards Committee, and the ASEG Federal Executive.

David made significant contributions to the 2004 and 2010 ASEG-PESA Conferences held in Sydney. In 2004, he was co-chair of the Technical Workshops Committee, organising and facilitating an impressive program of workshops in the fields of minerals, petroleum and finance. In 2010, he was the Honorary Secretary, and chair of the Workshops Committee, arranging eleven workshops in a variety of fields. His diligence resulted in a significant net surplus for workshops at this conference.

David was also an integral member of the 2018 AEGC Sydney Conference Organising Committee as Honorary

Secretary, contributing to overall organisation, workshops and communications. David's efforts have greatly assisted the NSW branch in achieving excellent technical and financial outcomes for the Society.

David's contribution as chairman of the ASEG Technical Standards Committee from 2009 to 2015 has helped ensure that standards for geophysical data acquisition, processing and delivery were developed to benefit all in the geoscience community. Through David's leadership, the ASEG developed and published standards that will ensure that geophysical surveys are conducted to a consistent standard for use in the exploration and research sectors.

In addition, David has also made significant committee contributions to the local ASEG branches in Victoria and NSW (Branch Secretary from 1995 to 1998), and to the ASEG Federal Executive, where he served with distinction as Federal Honorary Secretary from 1999 to 2001.

Throughout his career, David has consistently promoted geophysics and the ASEG, always encouraging younger members to get involved and contribute to local branch meetings and conferences. His dedicated support for the Society for over four decades, in particular his willingness to contribute much time and energy to key roles on Conference Committees and the Federal Executive, and his deep respect for the scientific value of the ASEG and the people who contribute to it, have made a positive impression on many other geoscientists.

It is most fitting that David's distinguished contribution to the ASEG and the profession over many years has been recognised with the award of the ASEG Service Medal.



David Robson receiving his medal from ASEG President Andrea Rutley.