

Andrew Long
Honorary Membership of the ASEG
Sydney February 2018

CITATION

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 (B.Sc., 1985), Curtin University (Post Graduate Diploma in Petroleum Geophysics, 1986), and the University of Western Australia (Ph.D., 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 Ph.D. 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 Ph.D. 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 organizations, 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 SEAPEX.

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.