

Barry Drummond
Honorary Membership of the ASEG
Perth February 2015

CITATION (PREVIEW):

ASEG Honorary Membership has been awarded to Dr Barry Drummond in recognition of his distinguished career and outstanding contribution and leadership in geoscience spanning 40 years and nearly every aspect of geophysics, and for his on-going contributions to the ASEG.

Barry's work in relation to the application of seismology to hard rock terranes is widely recognised throughout Australia and overseas, as is his role in the design and construction of the earthquake monitoring element of the Australian Tsunami Warning Centre (ATWS) which was established jointly by Geoscience Australia, the Bureau of Meteorology and Emergency Management Australia following the devastating Indian Ocean tsunami of December 2004. Barry was appointed head of the Earth Monitoring Group of projects in Geoscience Australia. Other projects in the Earth Monitoring Group during Barry's leadership included monitoring the Earth's magnetic field, screening for nuclear explosions, and volcano monitoring in Papua New Guinea and Indonesia. The national geodesy program was also part of the group.

Before moving to the Earth Monitoring Group in 2004, Barry led a number of programs that used seismic reflection and refraction techniques and potential field data to image many aspects of Australian geology. He was instrumental in the establishment of ANSIR - The Australian National Seismic Imaging Resource Research Facility and was the foundation Director of the facility from 1997 to 2002. More recently Barry has worked in the area of Coal Seam Gas and submitted a background paper on Seismicity and induced earthquakes to the Independent Review of Coal Seam Gas Activities in New South Wales.

His leadership role in Geoscience Australia also included oversight of many other aspects of GA's programs including the Australia-wide data acquisition program which ultimately delivered the first complete gravity, airborne magnetic and radiometric coverage of the continent.

Barry's foresight drove many national scale projects forward by uniting the earth science disciplines and strategically aligning priorities with the national interest. His extensive publication list is testament to the breadth of the scientific work in which he was involved. Barry spoke at many conferences, often as a Key Note, and mentored many young geophysicists.

Barry has been a long time pro-active member of the ASEG and GSA, and he was a member of PESA and SEG until his retirement from Geoscience Australia in 2011. He was a member of the editorial board of the Australian Journal of Earth Sciences. He has been an active local ASEG branch member over many years. In recent

years, he has served on the ASEG Federal Executive in the most important role of Honorary Secretary from 2012 to the present.

Barry is highly respected in the geoscience community. His work has promoted the science of geophysics throughout Australia and worldwide, and developed closer understanding and co-operation between geophysicists and other earth scientists. The ASEG is pleased to acknowledge Barry's significant contributions to the profession and the Society with this award of Honorary Membership of the ASEG.