

Mark Lackie
Honorary Membership of the ASEG
Adelaide August 2016

CITATION

ASEG Honorary Membership has been awarded to Dr Mark Lackie, in recognition of his sustained and exceptional service to the ASEG over many years, and for his leadership in the education of geophysics at Macquarie University since 1994.

Mark graduated with a BSc (Hons) from Melbourne University in 1982, and completed his PhD on palaeomagnetism at Macquarie University in 1989. He was appointed as lecturer at Macquarie University in 1994 and has been there ever since.

Mark became a member of the ASEG in 1981, and has been a consistent supporter and contributor to his State Branch since that time. Of note he has served as NSW Branch President since 2007 to the present, and he has made significant contributions to ASEG conferences, with his outstanding Co-Chairmanship of the Organising Committee of the 2010 ASEG-PESA International Conference and Exhibition, setting a benchmark for future conferences. In 2018, ASEG will again hold the convention in Sydney, and Mark has once again stepped forward to serve the society as co-chairman of the Organising Committee.

But it is Mark's ongoing efforts and contribution to ASEG Publications that have had a major impact on the Society. He took on the role of Managing Editor of Exploration Geophysics in 2009, a role that is pivotal to maintaining the Society's vital professional journal *Exploration Geophysics* on behalf of all members of the Society. The Managing Editor is involved in developing journal strategy, scope, quality and direction, as well as overseeing the routine management of manuscripts, making editorial decisions on content of each publication, and liaising with Associate Editors and publisher. Through his diligence in this role, Mark has continued to develop and enhance the scientific quality and international reputation of the journal, as reflected in the 2016 Impact Factor figure for *Exploration Geophysics*, which showed a significant increase on the previous year.

The award also recognises Mark's leadership in the education of geophysics at Macquarie University from 1994. Mark is a Senior Lecturer and currently Director of Teaching in the Department of Earth and Planetary Sciences at Macquarie University. His leadership in the education of numerous students in geophysics who have passed through Macquarie University from 1994 to 2016, and his valuable research activities no doubt have had a major influence on the future well-being of our industry.

Mark's research interests span a broad area of geophysics beginning with palaeomagnetism in his early career. More recently Mark's investigations have ranged from using magnetic and density measurements to validating the

interpretation of potential field signatures of granitoids, and regional scale gravity modelling of basins. Mark has co-authored papers from diverse fields such as crustal architecture, geothermal gradients, seismic studies of the Amery Ice Shelf, Antarctica to the environmental control of magnetic properties of sediments near the Great Barrier Reef.

Mark maintains a high enthusiasm for student excursions, which is a disappearing attribute of some tertiary institutions. Mark has supervised a number of postgraduate students again with a strong focus on practical field studies. In addition to his teaching and research activities, he has been a strong supporter of ASEG grants to students to attend relevant courses and conferences.

For his outstanding contributions to the Society and his leadership in the education of geophysics, the ASEG is pleased to confer the award of Honorary Membership to Mark Lackie.