

Supplementary Material

Scott William Sloan 1954–2019

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Table S1. Recognition – Scott William Sloan

<i>Year</i>	<i>Award</i>	<i>Awarding Body</i>
1972-1975	Commonwealth Undergraduate Scholarship	Australian Government, for undergraduate studies in civil engineering at Monash University
1975	BBR Company Prize	Monash University, for outstanding performance in final year of undergraduate civil engineering degree
1976-1978	Commonwealth Postgraduate Scholarship	Australian Government, for MEngSci studies in civil engineering at Monash University
1978-1981	External Research Scholarship	Trinity College, Cambridge
1981-1982	Senior Rouse Ball Fellowship	Trinity College, Cambridge
1982-1984	W W Spooner Research Fellowship	New College, Oxford
1994	Fellow	Institution of Engineers, Australia
2000	Fellow	Academy of Technological Sciences and Engineering, Australia
2000	Telford Medal	Institution of Civil Engineers London (highest award for any paper published by the ICE)
2002	Distinguished Visiting Professor Award	Spanish Research Council Grant (to support sabbatical visit at UPC, Barcelona)
2003	Centenary Medal	Prime Minister, Australia (for services to Civil Engineering and Geotechnical Research)
2003	E H Davis Lecture	Australian Geomechanics Society (for outstanding contributions to geomechanics theory and practice)
2004-2009	Federation Fellowship	Australian Research Council (one of 10 awarded to Australian residents)
2005	Alumnus of the Year	Monash University Civil Engineering Department
2005	Desai Medal	International Association for Computer Methods and Advances in Geomechanics (IACMAG) (for outstanding contributions to computational geomechanics)
2005	Thomas A Middlebrooks Award	American Society of Civil Engineers (for a paper of special merit in geotechnical engineering)

<i>Year</i>	<i>Award</i>	<i>Awarding Body</i>
2007	Fellow	Australian Academy of Science (430 elected fellows, one of 4 civil engineers)
2007	Telford Premium	Institution of Civil Engineers London (for best paper on applied mechanics)
2008	Booker Medal	IACMAG (for seminal contributions to stability analysis)
2008	Laureate Professor	University of Newcastle (one of six in the University)
2009	Laureate Fellowship	Australian Research Council (one of 15 awarded nationally)
2010	Fellow	International Association of Computational Mechanics (one of 2 Australians)
2011	51st Rankine Lecture	Institution of Civil Engineers London (arguably one of the highest accolades, worldwide, for a geotechnical engineer)
2011	Victor Milligan Lecture	Queens University, Canada
2012	C W Lovell Distinguished Lecture	Purdue University, USA
2015	Top 100 Most Influential Engineers	Engineers Australia
2015	Fellow	Royal Society, UK
2015	International Fellow	Royal Academy of Engineering, UK
2015	NSW Scientist of the Year	Office of the Chief Scientist and Engineer, New South Wales
2017	Honorary Professor	Nanchang University, China

Table S2. Contributions to Learned Journals – Scott William Sloan

<i>Journal</i>	<i>Role</i>	<i>Publisher</i>
Computers and Geotechnics	Co-Editor (700+ papers per annum)	Elsevier
Computers & Structures	Editorial Board	Elsevier
International Journal for Numerical and Analytical Methods in Geomechanics	Editorial Board	Wiley
Computational Mechanics	Editorial Board	Springer
Optimization and Engineering	Editorial Board	Springer
Engineering Computations	Editorial Board	Emerald

Table S3. Professional Service – Scott William Sloan

<i>Years</i>	<i>Position</i>	<i>Organisation</i>
1988-2019	Assessor	ARC Australia; National Science Foundation, USA; National Science and Engineering Research Council, Canada; Engineering and Physical Sciences Research Council, UK; Austrian Academy of Science
1988-1995	Committee Member & Chair	Australian Geomechanics Society, Newcastle Chapter
1994	Committee Member	Australian Geomechanics Society, National Committee
1998-2001	Member	Expert Advisory Committee, Engineering and Environmental Science, Australian Research Council
2000-2001	Core Member	TC12, Validation of Computer Simulations, International Society for Soil Mechanics and Geotechnical Engineering
2001-2019	Assessor	Election of Fellows to Australian Academy of Technological Sciences and Engineering
2000-2010	Board Member & President	Australian Association for Computational Mechanics

Years	Position	Organisation
2001-2019	Board Member	International Association for Computer Methods and Advances in Geomechanics
2006-2019	Core Member	European Technical Committee on Numerical Methods in Geotechnical Engineering, ETC7
2008-2010	Member & Chair	Expert Advisory Committee, Engineering and Environmental Science, Australian Research Council
2008-2019	Assessor	Election of Fellows to Australian Academy of Science
2008-2019	Assessor	Election of Members to National Academy of Engineering (USA)
2009-2012	Member & Chair	Sectional Committee 5, Applied Physical and Engineering Sciences, Australian Academy of Science (ranks nominations for new Fellows)
2009-2019	Member	National Committee for Mechanical Sciences, Australian Academy of Science
2010-2019	Assessor	Election of Fellows to Royal Society
2015	Panel Member	Excellence in Research Australia (ERA), Engineering and Environmental Sciences
2016-2019	Member	Council of Australian Academy of Science
2010-2019	Assessor	Election of Fellows to the Royal Society of London

Bibliography – Scott William Sloan

Edited Books

- E1 *Engineering Geology of the Newcastle-Gosford Region*. Eds. Sloan SW, Allman MA. Proceedings of Conference on Engineering Geology of the Newcastle-Gosford Region, Newcastle, February 1995, 466p.

Book Chapters

- BC1 Lyamin AV, Krabbenhøft K, Sloan SW (2011) Interface Modelling in Computational Limit Analysis. In: *Developments and Innovative Applications in Computational Mechanics*, Chapter 36, 321-330.
- BC2 Thoani K, Giacomini A, Lambert C, Sloan SW (2015) Rockfall Trajectory Analysis with Drapery Systems. In: *Engineering Geology for Society and Territory*, Volume 2, Chapter 356, 2007-2011.
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Journal Publications

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