

## RECORD OF TEACHING OF EXPLORATION GEOPHYSICS AT SYDNEY UNIVERSITY

UPDATED 24 September 2018

From	To	Name	Position	Teaching	Research
			<i>Lecturer/Snr Lecturer/ Assoc Prof/Prof</i>	<i>Primary fields of geophysics teaching</i>	<i>Personal areas of research and publications</i>
Oct 1949	Apr 1951	<b>Hal Thirlaway</b>	Lecturer	Applied: A segment in Honours year	Seismology
1952	1956	<b>Hari Narain</b>	Teaching Fellow, Temporary Lecturer, Lecturer	All fields of geophysics	Regional potential field - 1st PhD in Geophysics (1955)
1953	1955	<b>Harry Hancock</b>	Teaching Fellow	Potential field and electrical methods	Potential field
1957	1990	<b>Alan Day</b>	Lecturer, later Senior Lecturer	All fields to Geology; Exploration to Mining Engineering and Civil Engineering	Regional potential field
1965	1991	<b>Don Emerson</b>	Senior Lecturer to Assoc. Professor plus Head of Department (1987-91)	All fields to Third year including sedimentary basin studies and Introductory to Second year.	Petrophysics, esp. galvanic, dielectric, inductive (EM) and magnetics
1966	1967	<b>Roger Henderson</b>	Teaching Fellow (Geophysics)	Third year exploration geophysics and civil engineering	Deep resistivity for petroleum exploration
1971	1972	<b>Mike Smith</b>	Assistant Lecturer	Third year exploration geophysics (and civil engineering)	Airborne geophysics and remote sensing for mineral exploration
1974	1982	<b>David Falvey</b>	Lecturer and Senior Lecturer	Undergrad & graduate courses in exploration geophysics, digital processing, marine geophysics and plate tectonics	Geophysical applications in regional tectonics, basin analysis and petroleum exploration
1987	1992	<b>Joop Stienstra</b>	Senior Lecturer	Sedimentary basin studies, esp. reflection seismics	Computational techniques in sedimentary basin studies
1990	2005?	<b>Richard Facer</b>	Senior Lecturer	Third year exploration (all fields except seismology)	Physical properties (magnetic and heat generation)
Pending	Pending	<b>Iain Mason</b>	Pending	Pending	Borehole radar & in-seam seismic technologies
2004	2005	<b>Roger Henderson</b>	Assistant Lecturer	Third year exploration geophysics, especially gravity gradiometry	Airborne geophysics
2005	2009	<b>Peter Hatherly</b>	Professor of Mining Geophysics (CRC Mining)	Second and third year geophysical methods including field excursions	Geophysical applications in coal seam delineation
1993	Present	<b>Dietmar Muller</b>	Lecturer, Senior Lecturer to Professor & Adjunct Prof.		Marine geoscience and global tectonics