

INDEX

Unless marked with an asterix (*) all papers were, in accordance with DEEWR requirements, subjected to an independent critical review process by two experts from the field in which the material was written.

Keynote Speakers

Authors	Title	Paper No
Allen, Trevor	Ground motion attenuation and the future update to the Australian National Earthquake Hazard Map	1
Griffith, Michael	Implications of the 2010 Darfield (Christchurch, NZ) earthquake for Australia – are we ready?	55
Lynch, Richard	Routine Micro-Seismic Monitoring in Mines *	56
Hwang, Shyh-Jiann	Strategy for Seismic Upgrading of Public School	23

Oral/Poster Presenters

Authors	Title	Paper No
Bathgate, Jonathan	The Kalgoorlie Earthquake of 20 April 2010 and its Aftershock Sequence *	54
Bi, Kaiming	Pounding response of adjacent bridge structures on a canyon site to spatially varying ground motions	2
Clark, Dan	Mmax estimates for the Australian stable continental region (SCR) derived from palaeoseismicity data	5
Daniell, James	The CATDAT Damaging Earthquakes Database	6
Daniell, James	The Cost of Historic Earthquakes Today – Economic Analysis since 1900 through the use of CATDAT	7
Daniell, James	The Socio-Economic Impact of Historic Australian Earthquakes	8
Dent, Vic	A NE lineation of epicentres northeast of Perth – fact or fiction? A review of earthquake hypocentres in the region, 2005	10
Dent, Vic	A new seismograph network in the southwest seismic zone of Western Australia	11
Dumas, Jean-Charles	Seismic isolation for Ultra-Low Vibration Environments for Gravitational Wave Detectors *	13

Authors	Title	Paper No
Edwards, Mark	The Kalgoorlie Earthquake of the 20 th April 2010 : Preliminary Damage Survey Outcomes	14
Gibson, Gary	Learning from Earthquakes, Chile, 2010	17
Goldsworthy, Helen	Displacement Based Design of Ordinary Moment- Resisting Composite Frames	18
Grundy, Paul	The Padang Earthquake 2009 – Lessons and Recovery	19
Haritos, Nick	The Role of Branches in the Dynamic Response Characteristics of Trees	20
Haritos, Nick	Modelling ocean waves and their effects on offshore structures	21
Hengesh, James	Seismic Source Model Development for Australia’s Northwest Shelf	22
Jaksa, Daniel	Real-time Earthquake Monitoring at the Joint Australian Tsunami Warning Centre	24
Jinwuth, Watcharin	A Study into the Earthquake Resistance of Circular Adobe Buildings using Static Tilt Tests	25
Liang, Jonathan	Seismic Evaluation of Tailing Storage Facility	30
Love, David	The Mount Barker Earthquake - 16 th April 2010 Magnitude 3.7	31
Lumantarna, Elisa	Peak Seismic Displacement Demand and Second Corner Period	33
McCue, Kevin	Relative earthquake hazard in southwest Pacific cities	34
McCue, Kevin	Comparison of the 1989 Newcastle and 2010 Kalgoorlie and Christchurch earthquakes	35
Mohyeddin, Alireza	FE Modelling of RC Frames under in-Plane Lateral Loads	36
Reverts, Stefan	NW Australian intraplate seismicity and stress regime *	39
Sheikh, Neaz	MR Damper in Reducing Pounding Effect of Base-Isolated RC Highway Bridges	40
Sinadinovski, Cvetan	Testing the Hypothesis that Earthquake Hazard is Uniform Across Australia	42
Sivanerupan, Siva	In-plane drift capacity of point fixed glass façade systems	43
Somerville, Paul	Contrast in Seismic Wave Propagation and Ground Motion Models between Cratonic and Other Regions of Australia	45
Souchaud, Nicolas	Fires Following Earthquakes: an innovative approach by the City of Berkeley, CA (USA)	46

Authors	Title	Paper No
Tabatabaiefar, Hamid Reza	Effects of Dynamic Soil-Structure Interaction on Inelastic Behaviour of Mid-Rise Moment Resisting Buildings on Soft Soils	47
Tang, Aiping	Earthquake Damage Characteristics and Assessment of Lifeline Systems on May 12th, 2008, Sichuan Earthquake	49
Wibowo, Ari	Drift Capacity of Lightly Reinforced Concrete Columns	51
Wilson, John	Performance of Tall Reinforced Concrete Chimney Structures in the 2010 Chilean Earthquake	52
Yao, Huang (Jack)	Moment Connections to Circular and Square Composite Columns Using Blind Bolts	53