



**Australian Geomechanics Society**  
*Sydney Chapter*  
 and

**The NSW Association of Consulting  
 Structural Engineers**  
**2010 Symposium**

**Seismic Engineering - Design for Management of Geohazards**

**Wednesday 13 October 2010**

**Australian National Maritime Museum, Darling Harbour, Sydney**

Program			
8:30	Registration	12:40	Questions
9:00	Opening address	12:55	Lunch
<b>Seismic hazard and implications</b>		<b>Soil Structure Interaction Part 1</b>	
9:05	<b>Keynote Lecture:</b> Earthquake Hazard and Risk in Regions of Low to Moderate Seismicity Jack Pappin	13:40	<b>Keynote Lecture:</b> Structural Reliability of Retaining Walls Designed to AS4678 for Permanent, Imposed and Seismic Loads Rod Johnston
9:40	<b>Large Earthquake Recurrence in New South Wales: Implications for Earthquake Hazard</b> Dan Clark	14:15	<b>Displacement Based Seismic Design for Large Gravity Retaining Walls</b> Phillip Davies
10:10	<b>Geotechnical Lessons From an Extreme Geo-Disaster: Visit to the May 2008 Wenchuan Earthquake Zone, China</b> Mark Eggers	14:45	<b>Seismic Analysis for Open Pit Mines</b> Jeremy Toh
10:40	Questions	15:15	Questions
10:55	Morning tea	15:30	Afternoon tea
<b>Dynamic Soil Property Assessment</b>		<b>Soil Structure Interaction Part 2</b>	
11:10	<b>Seismic Response and Dynamic Deformation Analysis of Shur River Dam</b> Behrooz Ghahreman Nejad	15:45	<b>Earthquake Dynamic Analysis of Hospital Building</b> Rob Dales
11:40	<b>Influence of Soil Characteristics on Seismic Response of Mid-Rise Moment Resisting Buildings considering Soil- Structure Interaction</b> Behzad Fatahi	16:15	<b>Designing for Seismic Events – A Case Study</b> Frances Badelow
12:10	<b>Seismic-Liquefaction Assessment Methods in Conjunction with Pore Pressure Development and Dissipation</b> Radin Espandar	16:45	<b>Retaining Structures Performance Against Seismic Loads for Australian Type Ground Motions</b> Jack Pappin
		17:15	Questions
		17:30	Closing address
		17:35	Close



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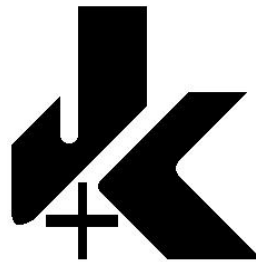
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**ENGINEERS  
AUSTRALIA**  
SYDNEY DIVISION



# **2010 Symposium**

## **Seismic Engineering - Design for Management of Geohazards**

**Wednesday 13 October 2010**

### **ADDITIONAL DELEGATES**

1. Mr/Ms/Dr: \_\_\_\_\_ AGS or ACSE Member: Y / N
2. Mr/Ms/Dr: \_\_\_\_\_ AGS or ACSE Member: Y / N
3. Mr/Ms/Dr: \_\_\_\_\_ AGS or ACSE Member: Y / N
4. Mr/Ms/Dr: \_\_\_\_\_ AGS or ACSE Member: Y / N
5. Mr/Ms/Dr: \_\_\_\_\_ AGS or ACSE Member: Y / N
6. Mr/Ms/Dr: \_\_\_\_\_ AGS or ACSE Member: Y / N

### **VENUE**

ANZ Theatre, Australian National Maritime Museum, 2 Murray Street, Darling Harbour, Sydney NSW 2000.  
(02) 9298 3625