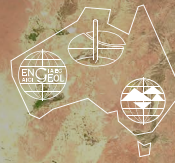


AGS Victoria Chapter Seminar 2020



**AUSTRALIAN
GEOMECHANICS
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Seismic Pile Design in Australia

SPEAKER:
Rob May



ABSTRACT

Earthquakes in Australia? Do we really need to consider their effects on piled foundations and if so how can it be done? The presentation will provide overview of Australian seismic conditions. The current code requirements will be discussed with respect to earthquake assessments with a focus on piled foundations. While the codes require the effects of earthquakes to be considered, they provide limited guidance to the design engineer on appropriate procedures. Some practical options for undertaking seismic analysis of piles will be examined using practical examples.

SPEAKER BIOGRAPHY

Dr Robert May has had over 40 years' world-wide experience in geotechnics since graduating as a civil engineer from King's College London in 1979. In addition to infrastructure, buildings and oil and gas projects, his career has included extensive seismic geotechnical work. This included several major nuclear projects in the UK including site investigation and geotechnical design for the Hinkley Point B power station. Rob works for Golder Associates, based in Melbourne. Recent work has included the seismic assessment of foundations for a major cable stayed bridge in Central America.

Before coming to Australia in 2014, Rob was a committee member of the Society for Earthquake and Civil Engineering Dynamics (SECED) and chaired a European Conference on Earthquake Engineering. He was part of the EEFIT mission to Turkey after the Kocaeli earthquake in 1999 and is passionate about the need to take earthquakes seriously and design appropriately.

📅 WHEN

Wednesday 11 March
2020

🕒 TIME

5:30PM: Light
Refreshments

6:00PM – 7:15PM

📍 WHERE:

The University of
Melbourne, 234
Queensberry St (Kwong
Lee Dow building),
Carlton VIC 3053, 2nd
Floor (Lecture Theatre
230)

💰 COST:

Free

✉️ EVENT CONTACT:

For further information
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Flynn via: [Richard.flynn@
keller.com.au](mailto:Richard.flynn@keller.com.au)
0419 448 755

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