

2016 Workshop on "Guidance on the utilization of ground motion simulations in engineering practice"

Objective: This workshop focused on providing a forum for stakeholders to discuss proposed guidance on the utilization of ground motion simulations in engineering practice. The guidance is in the form of a QuakeCoRE project report.

Date: 15 July 2016

Location: University of Canterbury

Conveners: Brendon Bradley (University of Canterbury), Didier Pettinga (Holmes Consulting), Jack Baker (Stanford University)

Agenda: (presentations can be viewed via the links below)

- [Introduction \(Brendon Bradley\)](#)
- [Industry perspective on simulated ground motions \(Pettinga\)](#)
- Subgroup discussion
- Break
- Summary of recent progress on ground motion simulation
 - [Ground motion simulation basics \(Bradley\)](#)
 - [Ground motion simulation validation \(Baker\)](#)
- Subgroup discussion
- Lunch
- Proposed structure of guidance document
 - [Verification and validation \(Bradley\)](#)
 - Thoughts from a regulatory context (Pettinga) (no slides)
- Break
- Discussion and next steps

Participants: Didier Pettinga, Stu Oliver (Holmes Consulting); Hayden Bowen, Richard Cole (Tonkin & Taylor); James Dismuke, Jeff Fraser (Golder Associates); Brendon Bradley, Chris McGann, Tim Sullivan, Seokho Jeong, Karim Tarbali, Chris de la Torre (University of Canterbury); Mark Stirling (University of Otago); Chris Van Houtte, Matt Gerstenberger, Yoshi Kaneko (GNS Science); Jack Baker (Stanford University); Russell Green, Adrian Rodriguez-Marek (Virginia Tech).