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| **QuakeCore Publication Number** | **Publication** | **Status** | **Article Type** |
| 0002 | Clare RM, Bradley BA, Sun D, Bae S, McGann CR.  QuakeCoRE and NeSI’s strategic partnership towards earthquake resilience via High Performance Computing.  eResearch NZ Conference.  Queenstown, NZ, 9-11 February 2016. (poster)” | Published | Conference |
| 0023 | Bastin S, Bassett K, Quigley M, Maurer B, Green RA, Bradley BA, Jacobsen D. Late Holocene liquefaction at sites of contemporary liquefaction during the 2010-2011 Canterbury earthquake sequence.  Bulletin of the Seismological Society of America. 2016, Vol 106, No. 3, pp 881-903 | Published | Journal |
| 0024 | Kaklamanos J, Bradley BA. Improving our understanding of 1D site response model behaviour: Physical insights for statistical deviations from 114 KiK-net sites.  Seismological Society of America (SSA) Annual Meeting. 22-22 April 2016. [(poster)](https://dl.dropboxusercontent.com/u/35408783/webpage/Publications/OtherPublications/2016/Kaklamanos_PhysicalInsightsIntoSiteResponseAnalysisBias_SSA_2016.pdf) | Published | Conference |
| 0025 | Razafindrakoto HNT, Bradley BA, Graves RW. Broadband ground motion simulation of the 2010-2011 Canterbury earthquake sequence. New Zealand Society for Earthquake Engineering Conference.  1-3 April 2016. Christchurch, New Zealand. | Published | Conference |
| 0026 | Lee RL, Bradley BA. Investigation of regional quality factors from a New Zealand-wide velocity model. *New Zealand Society for Earthquake Engineering Conference.*1-3 April 2016.Christchurch, New Zealand. | Published | Conference |
| 0027 | Thomson EM, Bradley BA, Lee RL. The Canterbury velocity model (CantVM) version 1.  Computational implementation, south island extension, and integration within the UCVM framework. *New Zealand Society for Earthquake Engineering Conference.*1-3 April 2016.Christchurch, New Zealand. | Published | Conference |
| 0028 | Jeong S, Bradley BA. Simulation of strong asymmetrical vertical acceleration at Heathcote Valley in the 2010-2011 Canterbury earthquakes. *New Zealand Society for Earthquake Engineering Conference.*1-3 April 2016. Christchurch, New Zealand. | Published | Conference |
| 0029 | Tarbali K, Bradley BA. Nationwide seismic hazard maps of New Zealand using recent developments in rupture forecast and ground motion prediction. *New Zealand Society for Earthquake Engineering Conference.*1-3 April 2016. Christchurch, New Zealand. | Published | Conference |
| 0030 | Moghaddasi M, Bradley BA, Elwood K. Seismic performance and loss assessment of a typical New Zealand code-conforming reinforced concrete building. *New Zealand Society for Earthquake Engineering Conference.*1-3 April 2016. Christchurch, New Zealand. | Published | Conference |
| 0031 | Kaiser A, Van Houtte C, Perrin N, McVerry G, Cousins J, Dellow S, Wotherspoon L, Bradley BA, Lee R. Characterizing GeoNet strong motion sites: Site metadata update for the 2015 Strong motion database. *New Zealand Society for Earthquake Engineering Conference.*1-3 April 2016. Christchurch, New Zealand. 8pp. | Published | Conference |
| 0032 | Bullock Z, Bradley BA. Systematic vertical ground motion observations in the Canterbury earthquakes.  *University of Canterbury Research Report No. 2016-03*. Department of Civil and Natural Resources Engineering, University of Canterbury. March 2016. 75pp. | Published | Conference |
| 0033 | Bradley BA, Razafindrakoto HNT, Graves RW, Thomson EM, Bae S, Clare R.  Ground motion simulations of damaging recent and future earthquakes using NeSI HPC resources.*eResearch NZ Conference*. 9-11 February 2016. Queenstown, New Zealand. | Published | Conference |
| 0034 | Quigley M, Hughes MW, Bradley BA, Van Ballegooy S, Reid C, Morgenroth J, Horton T, Duffy B, Pettinga J. The 2010-2011 Canterbury earthquake sequence: Environmental effects, seismic triggering thresholds and geologic legacy. *Tectonophysics*. | Accepted | Journal |
| 0035 | Tarbali K, Bradley BA.  The effect of causal parameter bounds on PSHA-based ground motion selection. *Earthquake Engineering and Structural Dynamics.* | Accepted | Journal |
| 0046 | Bradley BA. ‘Strong ground motion characteristics observed in the 13 June 2011 Mw6.0 Christchurch, New Zealand earthquake’, Soil Dynamics and Earthquake Engineering. | Accepted | Journal |
| 0047 | Chris R. McGann, Brendon A. Bradley, Misko Cubrinovski.’Development of a regional Vs30 model and typical Vs profiles for Christchurch, New Zealand from CPT data and a region-specific CPT-Vs correlation’,Soil Dynamics and Earthquake Engineering. | Submitted | Journal |
| 0048 | Chris R. McGann, Brendon A. Bradley, Misko Cubrinovski.’ Investigation of shear wave velocity depth variability, site classification, and liquefaction vulnerability identification using a near-surface Vs model of Christchurch, New Zealand’. Soil Dynamics and Earthquake Engineering | Submitted | Journal |
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