

# Stanford

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## Pablo Camilo Heresi Venegas

Ph.D. Student in Civil and Environmental Engineering, admitted Autumn 2014

### Bio

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#### HONORS AND AWARDS

- Outstanding Student, Universidad de Chile (2008, 2009 & 2010)
- Beca CONICYT - Magister Nacional, CONICYT (March 2011)
- Scholarship for Short Term Research Visits, for Graduate Students, Department of Graduate Studies, Universidad de Chile (September 2011)
- Nancy Grant Chamberlain Fellowship, Department of Civil and Environmental Engineering, Stanford University (April 2014)
- Becas Chile - Doctorado en el Extranjero, CONICYT (July 2014)
- Shah Fellowship on Catastrophic Risk, Department of Civil and Environmental Engineering, Stanford University (April 2015)
- Leavell Fellowship on Sustainable Built Environment, Department of Civil and Environmental Engineering, Stanford University (April 2015)
- John A. Blume Research Fellowship, Department of Civil and Environmental Engineering, Stanford University (June 2017)

#### EDUCATION AND CERTIFICATIONS

- MSc, Universidad de Chile, Earthquake engineering (2012)

### Publications

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#### PUBLICATIONS

- **Evaluation of event-to-event variability in spatial correlation of elastic response spectral ordinates** *16th European Conference on Earthquake Engineering*  
Heresi, P., Miranda, E.
- **Seismic risk comparison between 1- and 2-story houses for performance-based earthquake engineering** *16th European Conference on Earthquake Engineering*  
Miranda, E., Heresi, P.
- **Novel ground motion prediction model for peak inelastic displacements** *16th European Conference on Earthquake Engineering*  
Heresi, P., Dávalos, H., Miranda, E.
- **Quantitative evaluation of new strategies to increase seismic resilience of cities: A shift of current paradigms** *16th World Conference on Earthquake Engineering*  
Heresi, P., Miranda, E.
- **Ground motion prediction model for the peak inelastic displacement of single-degree-of-freedom bilinear systems** *Earthquake Spectra In-Press*  
Heresi, P., Dávalos, H., Miranda, E.  
2018; 34 (3)
- **Uncertainty in intraevent spatial correlation of elastic pseudo-acceleration spectral ordinates** *Bulletin of Earthquake Engineering*  
Heresi, P., Miranda, E.

2018

- **Testing and modelling of shape memory alloy plates for energy dissipators.** *Smart Structures and Systems.*

Heresi, P., Herrera, R. A., Moroni, M. O.

2014; 14 (5): 883-900

- **Behavior of Shape Memory Cu-Zn-Al Alloy Plates for Use in Energy Dissipators** *15th World Conference on Earthquake Engineering*

Heresi, P., Herrera, R., Moroni, M. O.

2012