



WEBINAR: PUSH-OVER ANALYSIS FOR PRACTICING ENGINEERS

Date:
Wednesday, Sept 28, 2016

Time:
12:00pm – 1:00pm

Cost:
Members: \$75
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WEBINAR: PUSH-OVER ANALYSIS FOR PRACTICING ENGINEERS

Henry Burton will present guidelines for executing a successful and reliable. Non-Linear Push-Over Analysis. The presentation will cover when to implement a push-over analysis on a project, types of structural systems where a push-over analysis are useful, and a walk-through of the technical aspects of implementing the push-over analysis in a computer software. The goal of the presentation is to provide a practical guideline and a consensus approach to a non-linear push-over analysis.

PRESENTER



Dr. Henry V. Burton, Assistant Professor
University of California

Dr. Henry V. Burton is an Assistant Professor and the Englekirk Presidential Chair in Structural Engineering in the Department of Civil and Environmental Engineering at the University of California, Los Angeles. His research is directed towards understanding and modeling the relationship between the performance of infrastructure systems within the built environment, and the ability of communities to minimize the extent of socioeconomic disruption following extreme events such as major earthquakes. Dr. Burton is a registered structural engineer in the state of California. Prior to obtaining his PhD in Civil and Environmental Engineering at Stanford University, he spent six years in practice at Degenkolb Engineers, where he worked on numerous large scale projects involving design of new buildings and seismic evaluation and retrofit of existing buildings. Current projects include (1) utilizing remote sensing to assess the implication of tall building performance on the resilience of urban centers, (2) stochastic characterization of building aftershock collapse risk and (3) developing design and assessment methods for resilient and sustainable buildings. Henry is a recipient of the National Science Foundation Next Generation of Disaster Researchers Fellowship (2014) and the National Science Foundation CAREER Award (2016).