

NHERI Center for Computational Modeling and Simulation
of the Effects of Natural Hazards on the Built Environment (*SimCenter*)

**Training in Natural Hazards Engineering
Agenda**

Richmond Field Station, Building 454, Classroom

Thursday, June 13, 2019

Time	Topic
8:30 - 9:30	Registration & Setup
9:30 - 10:00	Welcome and Participant Introductions
10:00 - 10:30	SimCenter Overview
10:30 - 10:50	Break
10:50 - 11:50	Intro and Demo EE-UQ Tool – Frank McKenna
11:50 - 1:00	Lunch
1:00 - 2:15	Hands-on exercise EE-UQ Tool (local and HPC)
2:15 - 2:30	Break
2:30 - 3:30	Intro and Demo uqFEM Tool – Frank McKenna
3:30 - 5:00	Hands-on exercise uqFEM-UQ Tool (local and HPC)
5:00	Training adjourns for the day

Friday, June 14, 2019

Time	Topic
9:00 - 9:15	Engaging and Collaborating with the SimCenter
9.15 - 10.15	SimCenter Educational Tools
10:15 - 10:30	Break
10:30 - 11:30	Intro and Demo of the PBE Tool – Adam Zsarnoczay
11:30 - 1:00	Lunch
1:00 - 2:00	Hands-on exercise PBE Tool (local and HPC)
2:00 - 3:30	Regional Earthquake Workflow Intro & Demo
3:30 - 3:40	Break
3:40 - 4:30	Tool Feedback & Observations
4:30 - 5:00	Workshop Feedback
5:00	Training adjourns

