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Professor
&
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Research Interests



- > Large-scale structural testing
- > Numerical simulation of structural systems to extreme loading
- > Development of structural systems for buildings and bridge in earthquake & tsunami prone regions
- > Retrofit of older structural systems for natural hazards

New NSF Project on VES

Title: Vertical Evacuation Structures Subjected to Sequential Earthquake and Tsunami Loadings.

Research Objectives & Research Approach: Develop new system for earthquake and tsunami resistant structures. Testing of new slab-CFT column systems in UW structures lab. Testing of wall and new CFT systems in OSU wave flume. Simulation including structure-fluid interaction using OpenSees & OpenFoam

