

Improving Seismic Safety of Schools



Barry H. Welliver

Background

- Graduated University of Connecticut 1973 BS Civil Engineering immediately moved to the SF Bay area to study earthquakes
- Active in SEAONC 1973-1995 then moved to Utah
- Active in SEAUtah as president and helping found existing buildings, website, and emergency response committees
- Chair of Utah Seismic Safety Commission 2002-2006
- Advocated for state-wide school hazard inventory at Utah legislature 2008 – 2013 resulting in legislation and funding to complete RVS of Utah schools
- EERI School Earthquake Safety Initiative (SESI), chair (2014-present)
- FEMA ATC 122 *Reducing the Risk to Our Schools from Natural Hazards and Improving the Safety of Our Children*, project technical director (2015 – present)



Barry H. Welliver

Schools Related Presentations & Activities:

- Utah Facilities Operations & Maintenance Assoc.:
 - 2004 Fall Conference: Seismic Safety of Utah's Public Schools
 - 2005 Fall Conference: Incremental Seismic Rehabilitation of School Buildings (K-12)
 - Utah Schools RVS program – compile ROVER database of Utah schools (April 2013 – present) legislation + funding
- NETAP training slide development and presentation for FEMA 395 *Incremental Seismic Rehabilitation of Schools*
- United Nations Office for Disaster Risk Reduction – *Second Safe School Leaders meeting – Tehran, I.R. Iran (October 2015)*



Barry H. Welliver

Schools Related Publications:

- Co-author of seismic advocacy documents:
 - Putting Down Roots in Earthquake Country: Handbook for Earthquake Safety in Utah (Dec. 2008)
 - FEMA 420 Engineering Guidelines for Incremental Seismic Rehabilitation (December 2008)
 - Utah Schools Pilot Rapid Visual Screening using ROVER (2009)
 - final report *Utah Students at Risk – The Earthquake Hazards of School Buildings*

