



EARTHQUAKE ENGINEERING RESEARCH INSTITUTE

SCHOOL EARTHQUAKE SAFETY INITIATIVE

– *promoting safe buildings for school children* –
www.eeri.org/schools

2016 STRATEGIC PRIORITIES AND ACTION PLAN

VERSION 1.0

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This 2016 plan outlines a list of strategic priorities and actions for the SESI Program. The vision, mission, scope, and organizational structure of the School Earthquake Safety Initiative (SESI) are outlined in the SESI Mission, Scope and Organizational Structure document (available at: <https://www.eeri.org/wp-content/uploads/EERI-SESI-Mission-Scope-Organization-v1.pdf>), which should be considered a companion document to this plan.

2016 STRATEGIC PRIORITIES:

In 2016 the SESI Program will focus on the following key efforts:

1. Establishing funding for ongoing SESI operations and initiating activities needed to support solicitation of funding.
2. Outreach to current SESI members and participants via the Program Committee to increase their involvement.
3. Finalize the SESI working products including screening case studies, curriculum, and guidance documents.
4. Shake-Out involvement.
5. Outreach to stakeholder community.

These priorities were identified to streamline the SESI Executive Committee and EERI Staff focus in 2016 and to allow the program to realize significant gains in product development and member involvement.

2016 PROGRAM ACTIVITIES:

Subcommittees will implement the activities of SESI along with the SESI Executive Committee, and SESI Staff. The actions currently underway by the Executive Committee, EERI Staff, and subcommittees are listed below:

1. SESI Executive Committee

- a. Oversight of SESI Staff action items
- b. Interaction of Chair with Initiatives Development Committee and EERI Board of Directors
- c. Oversight of subcommittee activities and grant funded projects.
- d. Explore and solicit additional funding sources to support the program in 2016, 2017 and beyond.
- e. Brainstorm and participate in the development of communication activities (webinars and email distribution systems) that engage and inform the SESI program committee and school earthquake safety advocacy community.



- f. Work with subcommittee chairs to consider feasible, meaningful Shake-Out involvement.
 - g. Hold quarterly SESI Executive Committee calls to update and review SESI program progress on 2016 activities.
- 2. SESI Staff-Led Activities**
- a. Implement two webinars to share SESI progress and school safety best practices with the full SESI program committee and community.
 - b. Launch email blast service and distribution system, first as a pilot and then, as a system for the full the SESI program committee and school earthquake safety advocacy community.
 - c. Provide support subcommittee chairs and members to finalize products (with help of interns, as possible).
 - d. Support development of proposals to potential funding agencies.
 - e. Complete Coastal Zone Foundation Grant requirements and activities.
- 3. Safety Screening, Inventory, and Evaluation of Schools**
- a. Complete comparison matrix of various best practice screening and inventory programs throughout the US.
 - b. Use the best practice comparison document to discuss and determine specific SESI recommendations specifically aimed at helping new advocates in making good decisions as they develop screening programs.
 - c. Compile final products that clearly communicate SESI recommendations and share best practice findings to help school earthquake safety advocates understand the many variables in a screening program and make decisions about appropriate methods for their unique situation.
 - d. Strategize a dissemination strategy to promote and share with state departments, school districts, school administrators, and EERI members.
- 4. Classroom Education and Outreach**
- a. Complete pilots for 4th grade and high school curriculum in Winter and Spring 2016.
 - b. Finalize lesson documentation and training materials for 4th grade and high school curriculum.
 - c. Evaluate and assess both impact and implementation of pilots in Summer 2016.
 - d. Recruit involvement of other regions (beyond the pilot locations) and launch expanded program in Fall 2016 depending on outcome of assessment.
- 5. Tsunami Mitigation for Schools**
- a. Complete the identification and mapping phase for schools in both the current evacuation zones, as well as newly released ASCE 7 – 16 Tsunami design zones in states along the Pacific Ocean (Alaska, California, Hawaii, Oregon, Puerto Rico, and Washington).
 - b. Review existing informational resources with recommendations and information about tsunami hazard mitigation for schools, and consider documenting several best practice case studies. Select exemplary and relevant resources for dissemination.
 - c. Develop and conduct various advocacy, outreach and dissemination activities to put tsunami hazard mitigation information into the hands of school administrators, decision makers, and other stakeholder groups.
 - d. Consider and propose various policy recommendations that could be used to enhance mitigation and preparedness for schools in regions with tsunami hazard.
 - e. Share outcomes and findings with broader oceanographic community.
- 6. Code Updating and Improvements**
- a. Support development of School Screening Subcommittee products and recommendations.



- b. Consider various code recommendations that are appropriate and aligned with SESI activities, followed by development of recommendations for the SESI Exec Committee before advocacy to committees for various codes and standards.
- 7. Safety Advocacy and Messaging**
 - a. Activities on hold until SESI products are ready in late 2016.