Oklahoma’s Safe Schools 101: Recruiting Assessment Teams for Determining Best Available Refuge Areas

Andrea Dawn Melvin and Kevin A. Kloesel – Oklahoma Climatological Survey; The University of Oklahoma
Richard D. Smith – Norman WFO/NOAA/NWS; Norman, OK and Bill White – Oklahoma Department of Emergency Management, Oklahoma City, OK

Two schools destroyed by an EF5 tornado. Seven children died while taking shelter inside the school building.

Public outcry demands all schools in Oklahoma have safe rooms.

Participants were divided into assessment teams with diverse professional backgrounds.

Each team modified their school’s sheltering plan as needed and provided a detailed assessment report to OEM.

Recruiting professionals to participate in Safe Schools 101 was organic. Once word spread about the training program, professionals from all fields wanted to be involved in finding a solution.

Teams spent half a day touring and evaluating a school site.

All teams reconvened to discuss what they encountered during their school tour.

Sustaining the Safe Schools 101 program will be challenging.

All participants found the training valuable. However, many of the architects and engineers were concerned about including their names on reports. The assessment teams are comprised of volunteers. Liability for any opinions expressed in the reports discouraged some of the architects and engineers from participating fully. Legislation may need to be modified before architects and engineers feel protected enough to continue assessing schools.

The expertise of architects and engineers are critical to the success of this program. Without their participation, the assessments will not meet the needs of school administrators.

Additional FEMA regions are interested in duplicating the program.

OEM has the freedom to expand the program to all 518 Oklahoma school districts and their 1800 school buildings.

FEMA provided funding to Oklahoma for a pilot project called Safe Schools 101.

FEMA and OEM conducted training courses with volunteers from all the professional disciplines.

Teams used the FEMA 361 Appendix B.1 Extreme Wind Refuge Area Evaluation Checklists to score and identify areas that were best suited to serve as refuge areas.

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Schools located in the 6 Oklahoma counties included in the May 2013 federal disaster declaration were eligible to apply to be a Safe School 101 assessment site.

The purpose of Safe Schools 101 was to train teams of diverse professionals to visit schools and determine areas of buildings that provide good, better, and best levels of protection.

The FEMA funding was made available to the Oklahoma Department of Emergency Management (OEM).

The course consisted of two (2) days of classroom instruction and one (1) day on-site at a school.

During the course participants learned about natural hazards that affect large venue safe rooms, characteristics of tornadoes and hurricanes, terminology of common building materials, differences between a shelter an a safe room, and how to complete the FEMA 361 refuge area checklist.

Corresponding author address:
Andrea Dawn Melvin, Oklahoma Climatological Survey, University of Oklahoma, 129 David L. Boren Blvd., Suite 2900, Norman, OK 73072; Email: andrea@mesonet.org