



Global Alliance for Disaster Risk Reduction & Resilience in the Education Sector

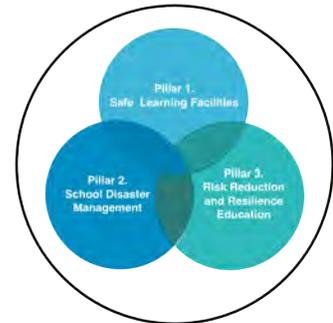
The Comprehensive School Safety Assessment Suite *in support of the Worldwide Initiative for Safe Schools*

Aug, 2016

PURPOSE:

The Comprehensive School Safety Framework (CSS), is the foundation for the collective work of the Global Alliance for Disaster Risk Reduction and Resilience in the Education Sector (GADRRRES), and the common approach of the Worldwide Initiative for School Safety (WISS).

CSS Framework aims to support the prevention of death and injury in schools, the assurance of educational continuity, the prevention of loss of education sector investments, and the development of a culture of safety. At the heart of a holistic approach is multi-hazard, child-centered assessment for both awareness and education, as well as for planning and decision-making. The enabling framework emphasizes alignment between education sector and disaster management policies and plans, and the work is organized around three overlapping pillars: Safer School Facilities, School Disaster Management, and Risk Reduction and Resilience Education.



GADRRRES has developed a template of targets and indicators to monitor and encourage progress towards school safety.

In order to monitor and encourage progress towards school safety, GADRRRES Partners have developed three tools, to be used flexibly and localized as appropriate to support the implementation of Comprehensive School Safety. The tools are designed for:

- Salience (relevant to comprehensive school safety)
- Scalability (designed for universal application)
- Sustainability (with local capacity)
- Effectiveness (outputs usable for action-planning)
- Efficiency (and affordability)
- Empowerment (rather than extractive)

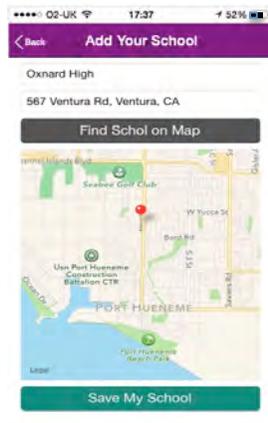
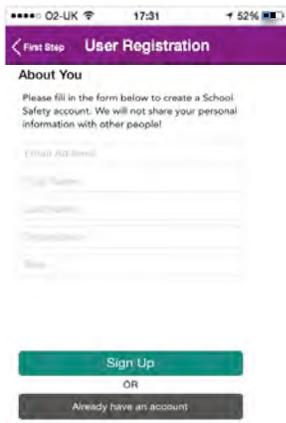
APPROACH:

The tools use a triaged assessment approach with three main tools all of which can be pre-populated with existing school location data, and linked to Education Management Information Systems data as needed. Web-based portal permissions are intended to be managed by education authorities after initial pilot.

CSS First Step

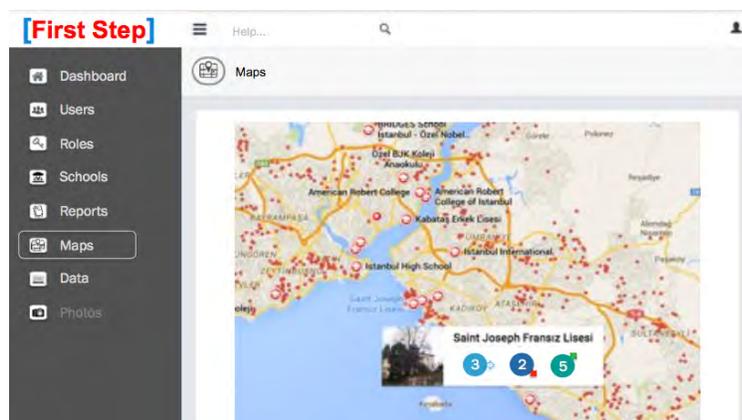
CSS *First Step* is an Android and IOS smart-phone app for crowd-sourcing available data to support local interest and advocacy from students and community-members.

- Users may download the app from Google Play or the Apple App Store. After downloading, the user registers and identifies the school to be assessed and answers about 15 survey questions covering: hazards exposure, learning facilities, school disaster management, and risk reduction and resilience education.
- Users can add photos of hazards, damage, and activities for risk reduction and response-preparedness.
- When there is Internet connection and the data is posted to the portal managed by the sponsor, the user receives immediate feedback, and an e-mail with presentation of the his/her survey results along with recommendations for further inquiry and safety steps. Survey data can be shared automatically with education authorities.
- Administrator can provide permissions to access to the Web-based portal where data may be examined and queried for programming, planning and response.



CSS First Step App

CSS First Step Response Email



CSS First Step Portal

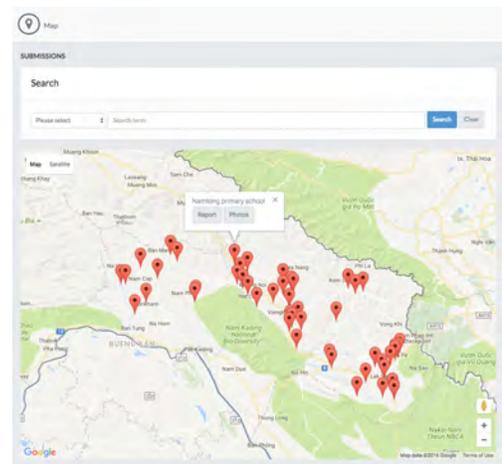
School Safety Self Assessment Survey

This is a tablet-based app for use by school management committee. Where few tablets are available, it may be used via the web portal or a visiting school advisor or monitor. A paper-based tool can be used in advance for preparation.

- Users may download the app from Google Play or the Apple App Store.
- The user selects their language of preference and works with team to conducting the onsite assessment reporting on: School Demographics; Hazards and Risks Profile; Safe School Facilities and Access; School Disaster Management; and Risk Reduction and Resilience Education.
- Users are guided to provide photos of hazards, damage, and activities for risk reduction and response-preparedness.
- When there is Internet connection, data is posted to the Web portal. Algorithms are applied to determine safety ratings and recommendations.
- Users may also receive an e-mail with summary of their responses, preliminary safety ratings, and a summary of recommended for action.
- Authorized users may download School Reports as well as aggregated reports summarizing results by District or Province. Users with advance permissions may also access and query the raw school safety data for in-depth analysis and decision support.



SSA App



SSA Portal Map

School Safety Self-Assessment Portal

VISUS CSS Pro or VISUS CSS Lite

This is a tablet-based app for implementation of light technical visual assessment of school facilities by trained construction trades enumerators.

- Users may download the interactive PDF forms set, provided by the developer.
- The user works with on-site team to conducting the onsite assessment of: hazards exposure; location in relation to hazards; school grounds; buildings – external; buildings – internal; and functionality.
- Users are guided to provide photos of hazards and risks identified in this process.
- When there is Internet connection, data is posted to the Web portal. Algorithms are applied to characterize safety concerns and make recommendations for repair, or in-depth technical assessment for retrofit or replacement, and cost-estimates for intervention.
- Users receive School Report automatically, by e-mail, including safety ratings and a summary of recommended actions.
- Authorized users may download School Reports as well as aggregated reports summarizing results by District or Province. Users with advance permissions, may also access and query the raw school safety data for in-depth analysis and decision support.



School Reports



Summary Report