

# ANNUAL REPORT

JANUARY - DECEMBER 2010

## Program Activities *Risk RED's accomplishments in 2010:*

**DREAMS** - Initial design of the web-portal infrastructure for a multi-partner **Disaster Reduction Education Learning Management System** (see p2).

**DREAMS for Turkey** - School Disaster Management policy, handbook and online self-study curriculum with the Ministry of Education in Turkey, with support from American Red Cross, UNICEF and UNICEF (see p.3).

Development of comprehensive survey for education sector **participants** in the annual community-wide **ShakeOut** drills. Reports on 2009 and 2010 results will be produced in 2011.. Risk RED improved on guidance materials to support school participation. Conducted survey research to reveal lessons about school preparedness and resilience in California, with global significance. **School Disaster Management and ShakeOut Study Tour** for Turkish and Central Asian participants (see p.4).

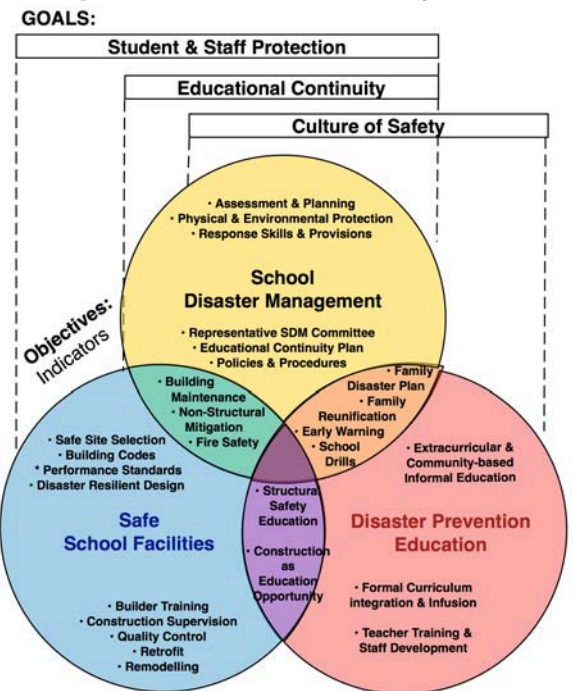
**Disaster and Emergency Management Guidance for Schools** handbook and **Guide for K-12 Teachers** developed for the International Finance Corporation (World Bank) for target audience of private schools internationally.

**Public awareness and public education for disaster risk reduction: a guide** developed for the International Federation of Red Cross and Red Crescent Societies. Operational guidance, resources and annexes was developed based on a scoping study of current practices in the RC/RC Movement internationally. International references for standardized messaging were also compiled and analyzed.

**Disaster Risk Reduction Tools for Humanitarian Action and Development in the Education Sector** - researched and developed for IASC Education in Emergencies Cluster and UNICEF.

Other activities include webmaster for the social networking website of the **Coalition for Global School Safety and Disaster Prevention Education**, presentations, and publications related to program and policy guidance especially for school disaster management, public education and community-based disaster risk reduction.

### Comprehensive School Safety Schema



*This schema above was developed by Marla Petal, Ilan Kelman, Rebekah Green, and Bishnu Pandey, was stimulated by discussions in the Coalition for Global School Safety and Disaster Risk Reduction and UNISDR's Thematic Platform for Knowledge and Education.*



# DREAMS disaster reduction education learning management system

## Dreams Vision

The Disaster Reduction Education Learning Management System is a web-portal in development to support international governmental and non-governmental partners in making disaster prevention education more effective and efficient.

## Learning Management System

The first functionalities scheduled for deployment in 2011 is a Learning Management System that will allow users to take self-paced courses online and participate in discussions and action projects. Partners will be able to add courses and manage their own users.

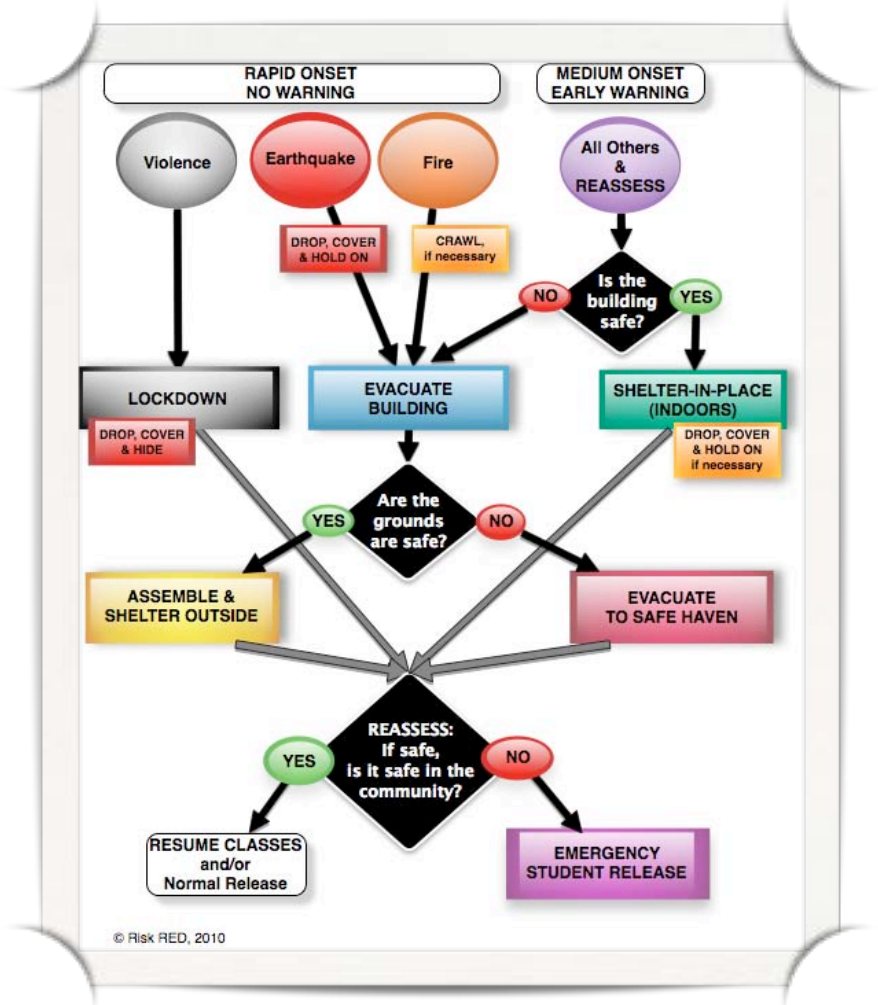
## Knowledge Management System

Strategies for a shared 'learning object repository' and collaborative authoring enabling automated publishing in many environments is the second major goal of the project.

## Quality Content

Developing and sharing re-usable content for courseware, print publications, and mobile applications is expected to allow partners to spend more time testing and refining learning materials to achieve positive impacts on understanding and behavior. Graphic visualizers like the one below and on the previous page are designed to help develop understanding of concepts and procedures for disaster risk reduction.

### Emergency Procedures Decision Tree



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# DREAMS for Turkey

## school disaster management - scaled-up



### **SCHOOL DISASTER AND EMERGENCY MANAGEMENT POLICY**

Risk RED is working with the Republic of Turkey Ministry of Education (MoNE) to support introduction of school disaster management nationwide.

This year, 12 instructor-trainers provided an introduction to school disaster management to more than 4,000 elementary and secondary school teachers throughout Turkey.

Content developed for a policy handbook on School Disaster and Emergency Management were approved by the Ministry's Education Cultivation Directorate.

### **COURSEWARE DEVELOPMENT**

Dreams online self-study courseware in development aims to be visually appealing and to engaging for users.

This year, we worked on graphic organizers and illustrator Hasret Sayın developed character and scenes to introduce and support school disaster management online course content.

### **PROJECT SUPPORT**

The DREAMS for Turkey project is made possible by the generous grant from American Red Cross. that runs through 2011.



School Disaster and Emergency Management Committee



**STUDY TOUR PARTICIPANTS:**

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 Mr. Engin SANDUVAÇ, Volunteer, Risk RED



Risk RED joined Earthquake Country Alliance (ECA) in California again to support the second annual California-wide ShakeOut in October 2010.

Risk RED Board Member Mark Benthien at Earthquake Country Alliance, has continued to encourage our efforts in the education sector, international outreach and research and evaluation of preparedness and ShakeOut impacts.

Dr. Rebekah Green of Western Washington University, and Dr. Marla Petal teamed up again with Dr. Michelle Wood of Cal. State Univ. Fullerton, to fully synchronized education sector and organizational and individual and family preparedness surveys.

This year our team led an American Red Cross-supported study group from Turkey and Central Asia looking at both school safety and community-wide drills.

Risk RED supported ECA and American Red Cross efforts to tackle viral disinformation about what to do during the shaking. The Model Drill and Templates developed based on the Los Angeles Unified School District's model were once again used by many smaller school districts.

Risk RED hopes to support the development of an international community-of-practice for disaster resilient universities by promoting campus-wide drills as a microcosm and model for community-wide drills in the future.

# meetings & presentations, consultations, and publications

*with support from Risk RED consultants, associates and friends*

## **MEETINGS & PRESENTATIONS**

**Content Development and Large Scale Dissemination of Disaster Prevention Education,** Dujianyang International Forum, UNESCO, Chengdu, China, May 2010

## **CONSULTATIONS**

**UNICEF / IASC Education in Emergencies Cluster**

**International Federation of Red Cross and Red Crescent Societies**

**International Finance Corporation, World Bank**

## **PUBLICATIONS**

Milli Eğitim Bakanlığı (2010). **Okullarda Afet ve Acil Durum Yönetim El Kitabı**

International Federation of Red Cross & Red Crescent Societies (2011). **Public awareness and public education for disaster risk reduction: a guide** (74p.)

UNICEF, EiE Cluster (2010). **Disaster Risk Reduction Tools for Humanitarian Action and Development in the Education Sector.**

IFC - World Bank (2010). **Disaster and Emergency Preparedness Guidance for Schools** (72p.) **Disaster & Emergency Preparedness Guide for K-6th Grade Teachers** (40p).

Petal, Marla (2010). **Ch 3. Earthquake Casualties Research and Public Education.** in Robin J. Spence, Emily So and Charles Scawthorn Eds. *Human Casualties in Natural Disasters: Progress in Modelling and Mitigation*, Springer.

Petal, Marla & Ilan Kelman (2010). **Schools Practice What to Do When the Earth Moves Under your Feet: Case Study - A Community-wide Earthquake Drill in California.** Safer Schools. All India Disaster Management Institute.

Glantz, Michael H. and Ilan Kelman, 2010. **Using a Spare Time University for Climate Change Education.** In: Leal Filho, Walter (ed.), *Universities and Climate Change. Climate Change Management.* Springer-Verlag. Berlin and Heidelberg, pp. 193-204.

## recommended links

DRR Library social bookmarking site

<http://www.drllibrary.org>

Coalition for Global School Safety & Disaster Prevention

<http://cogssdpe.ning.com>

Edu4DRR Teacher's Network

<http://edu4drr.org>

Great California ShakeOut

<http://www.shakeout.org>

Drop, Cover and Hold On

<http://earthquakecountry.info/dropcoverholdon/>

Risk RED favorites

<http://www.riskred.org/favourites.html>

# 2011 work plan

## FOCUS AREAS:

**Development of DREAMS V.1 Disaster Reduction Education Learning Management System infrastructure.**

**Online self-study curriculum development:**

*Disaster Prevention for Individuals and Families  
School Disaster Management  
Physical Protection for Schools  
Incident Command Systems for Schools.*

**Support to community-wide ShakeOut drills:**

*Research and evaluation planning  
ShakeOut Survey Reports 2009, 2010  
ShakeOut Survey 2011  
International study tour*

**Consultations in areas of:**

*Standardized Messaging  
School Disaster Management & School Safety  
Disaster Prevention Education and Awareness  
Education in Emergencies*

**Internship opportunities:**

Risk communications and public education  
Online courseware development and testing  
Survey research and research reporting

**Financial Report Summary :**

**2010**

Bal C/F : **\$232,813**

Income: **\$38,753**

Expenses: **\$159,324**

Fund Balance: **\$117,913**

*Risk RED is a 501c3 non-profit incorporated in the state of California. It is a "virtual ngo" operating without permanent dedicated corporate offices, in order to keep overhead low. Risk RED's typical overhead rate is 15%.*

**BOARD MEMBERS**

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