



Pompiers de l'Urgence Internationale
FRANCE

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The earthquake simulator

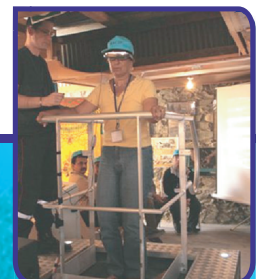
Bring in new response to seismic hazard by individual simulation



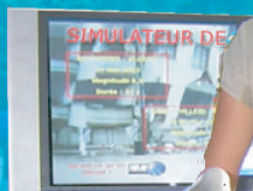
education



awareness raising



training



www.pompiers-urgence.org

Who we are



International Rescue Team France is an association of international solidarity dedicated to:

- bringing assistance to the most vulnerable populations facing crisis situations by fostering rescue professionals' voluntary and free commitment;
- reinforcing civil safety devices and reduction programmes, especially in emerging countries.



An significant international experience in post seismic emergency rescue has helped International Rescue Team France develop an innovative programme of education and reduction with the **Earthquake Simulator**.

Why an Earthquake Simulator



- To sensitize to the effects and feelings experienced during an earthquake and, especially to the impact of the tremor,
- To ease disaster readiness and management approach (help people and organisations manage seismic hazard.)
- To encourage adequate response (survival reflex, first aid in case of seism)
- To explain the origin of natural phenomena and their effects by using scale models.

Audience :

- The general public: during public, corporate or private events,
- Students: primary schools, high schools, colleges and universities
- Professionals: employees, rescue and safety agents, reseachers.

Zoom on the pedagogical programme for children

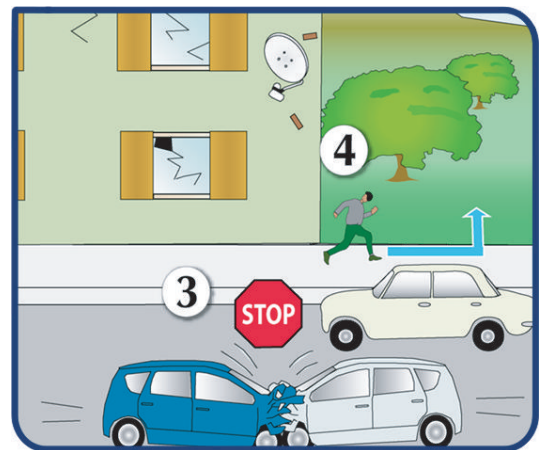


Programme designed for 50 children and for a half-day with two specialized trainers. The programme consists of:

A workshops and a pedagogical schedule **which** starts with the testing of the Earthquake Simulator. Simulation actions and testing of model houses built and handled by children are performed as complementary training. Other pedagogical workshops emphasize integration of autoprotection and evacuation actions through games.



B At the end of the training, a **trainer's pedagogical kit** is handed out to teachers and a **booklet and small posters to children** in order to encourage them discuss the issue of disaster reduction in their families. This broadens the audience of such a training



Option: to complete this training it is also possible to record and watch the event so that children can see the behaviours and reactions they have had during the pedagogical activities.

The earthquake simulator in the world

Countries	France	Medias
France	The « Cité des Sciences » in Paris	TF1
Spain	The Palace of Unesco in Paris	France 2
Switzerland	The International Fair of Limoges	France 3
Turkey	Institutions of Guadeloupe	RFO
Pakistan	The « Conseil Général » of Martinique	CNN
...

In details

Supported by :



Patent :



The earthquake simulator consists of :

- A *vibrating board* on which testers can stand up . It simulates the tremors of an earthquake thanks to three independant electric motors.
- A *secure surround* made of a staircase with a balister and a guardrail frame the board.
- *Spotlights* which intensity reflects the tremor's
- A *console* to activate the vibrating board automatically or manually
- A *large adjustable plasma screen* which can be lifted up to 10 feet height. It displays audio and video sequences in relation with the simulated earthquakes



Accessories (optional):

- *3D glasses and headphones* for a deeper sensitive experience
- *An auxiliary screen* to display video sequences of the plasma screen dead angles

A Space:

- Height: 10 fts , Length: 20 fts, Width:10fts : For the Earthquake Simulator and also a small Exhibition
- 220V outlets; the space must be covered and under permanent watch.

