

The need of a Global Risk Modeling Initiative

Presenting an Italian proposal for a Global initiative devoted to collaborative Risk Modeling

Delegation of Italy
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“Co-ordination of emergency management resources is a major challenge in many countries. Italy has effective governance mechanisms in this area, Aspects of this model of joined-up efforts are gaining favor amongst civil protection services in different countries”.

The civil protection system **quickly and accurately evaluates the impact and scale of events** as they occur, thanks to **strong situation awareness and collaborations with the scientific community**.

“To conclude, our report underscores that Italy’s civil protection system has many strengths, with remarkable achievements in implementing a coherent multi-risk approach to civil protection”.

THE NATIONAL CIVIL PROTECTION SYSTEM

PRIME
MINISTER

Department
of Civil
Protection

Interior

Foreign Affairs

Environment

Health

Economy and Finance

Defence

Economic Development

Infrastructures

Transportation

Cultural Heritage

University and Research

Public Education

Communications

Agricultural Policy and Forestry

Regions

Provinces

Municipalities

National Fire-
fighters Corps
Police
Prefectures

ISPRA

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Revenue Guard

Corps

Army
Navy
Air Force
Carabinieri

TERNA

Costal Guard
ANAS
National Highway
National Railway

I.N.G.V.
C.N.R.
National
Institutes

State Forest Corps

The National Civil Protection System aims at safeguarding human life and health, goods, national heritage, human settlements and the environment from all natural or man-made disasters.

It deals with:

- **Forecasting and Warning**
- **Prevention and Mitigation**
- **Rescue and Assistance**
- **Emergency Overcoming**



Haiti



Pakistan

Better risk awareness = better constructions and planning, improved emergency response, and greater access to insurance



New Zealand



Chile



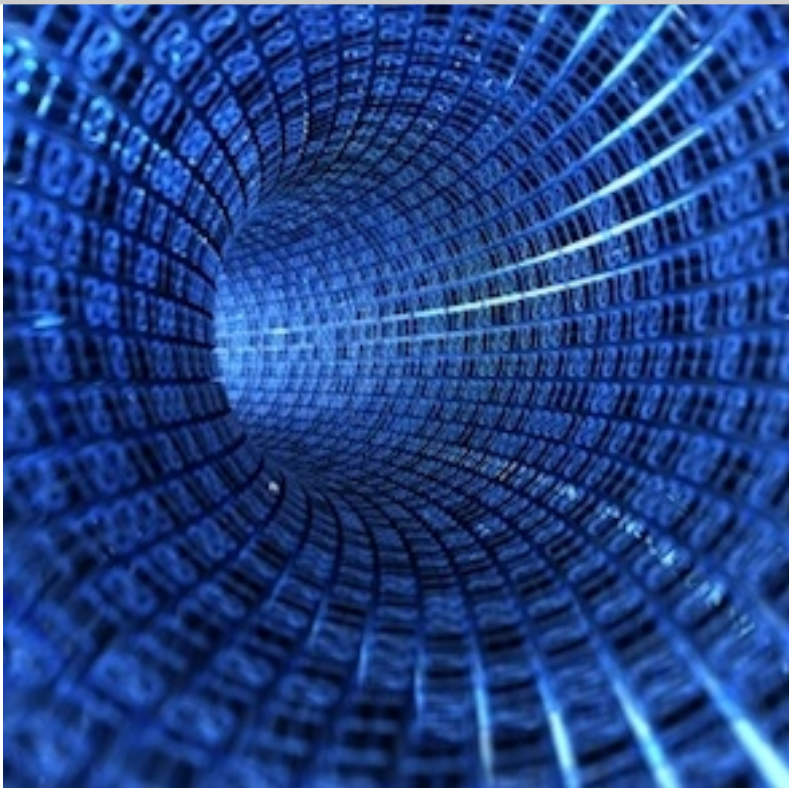
Disasters do not recognize political boundaries



Uniform, standardized, internationally agreed methodologies and tools for computing and modeling the risks



**Strategic decision-making requires uniform, global risk
information
+ consensus and community-ownership**

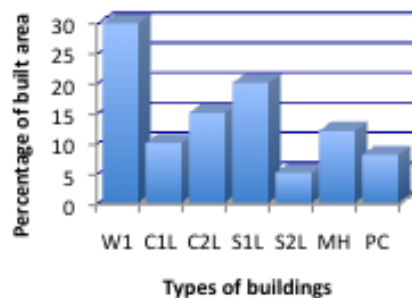


Such global scientific effort could capitalize on the experience of the Global Earthquake Model (GEM) initiative



A Global Risk Modeling Initiative

**GRM
Initiative**



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at
international@protezionecivile.it**

Thank you for your attention!