



# Global Risk Identification Programme

Thematic Platform for Risk Assessment  
Hyogo Framework for Action - Priority 2

Dr. Carlos Villacis – GRIP Coordinator

*Global Platform for Disaster Risk Reduction – Geneva, June 17, 2009*

GRIP's history

GRIP Services to Countries

GRIP Services to the DRR Community

Who we are

Invitation

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- Goal:
  - Promote sustainable development by reducing the impact of natural hazards in high risk areas
- Specific objectives:
  - To improve risk information
  - To ensure its application in disaster risk management and development processes

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REGIONALIZATION  
OUTREACH



SERVICE PACKAGE

PILOT IMPLEMENTATION

03/2007 US\$ 7 million raised

FUNDRAISING

23/10/2006 approval by PSC

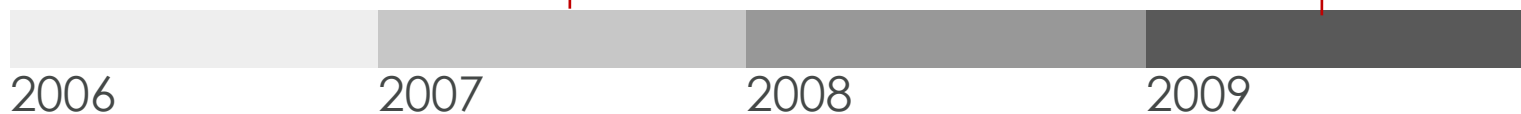
DESIGN



Official launching



Side Event



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# Identified DRR needs of countries



- **Learning from the past:** to understand their vulnerabilities, high-affected areas and recovery capacities
- **Basic risk information and risk baselines:** to set up measurable goals and prepare evidence-based DRR strategies
- **Monitoring and evaluation mechanisms:** to measure progress (or lack of it) and evaluate and correct strategies

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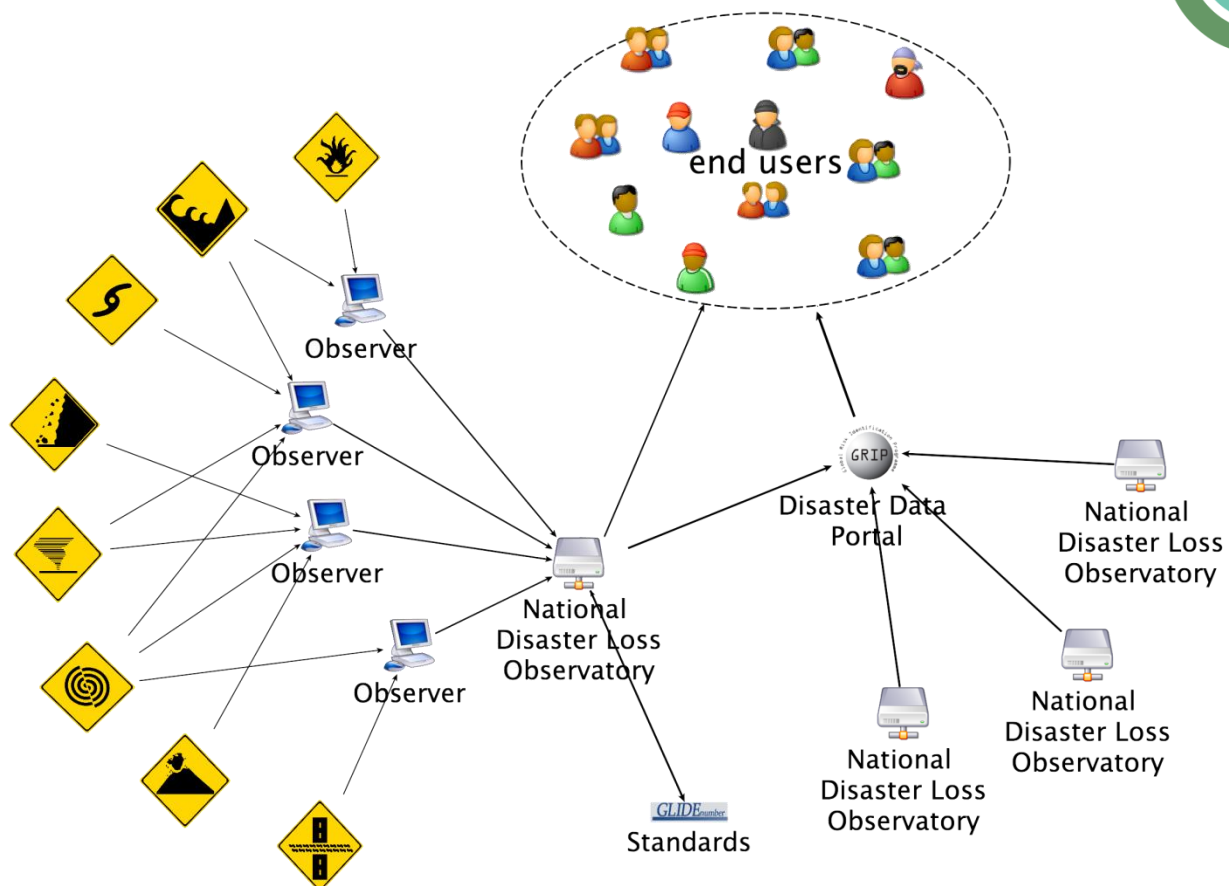
# GRIP's Services to Countries



- **National Disaster Observatories:** sustainable institutions for systematic collection, analysis and interpretation of loss data
- **National Risk Assessments:** multi-hazard risk evaluations to understand the characteristics and distribution of risk and identify disaster risk reduction options
- **Urban Risk Assessments:** assessments to support urban risk reduction policies and actions

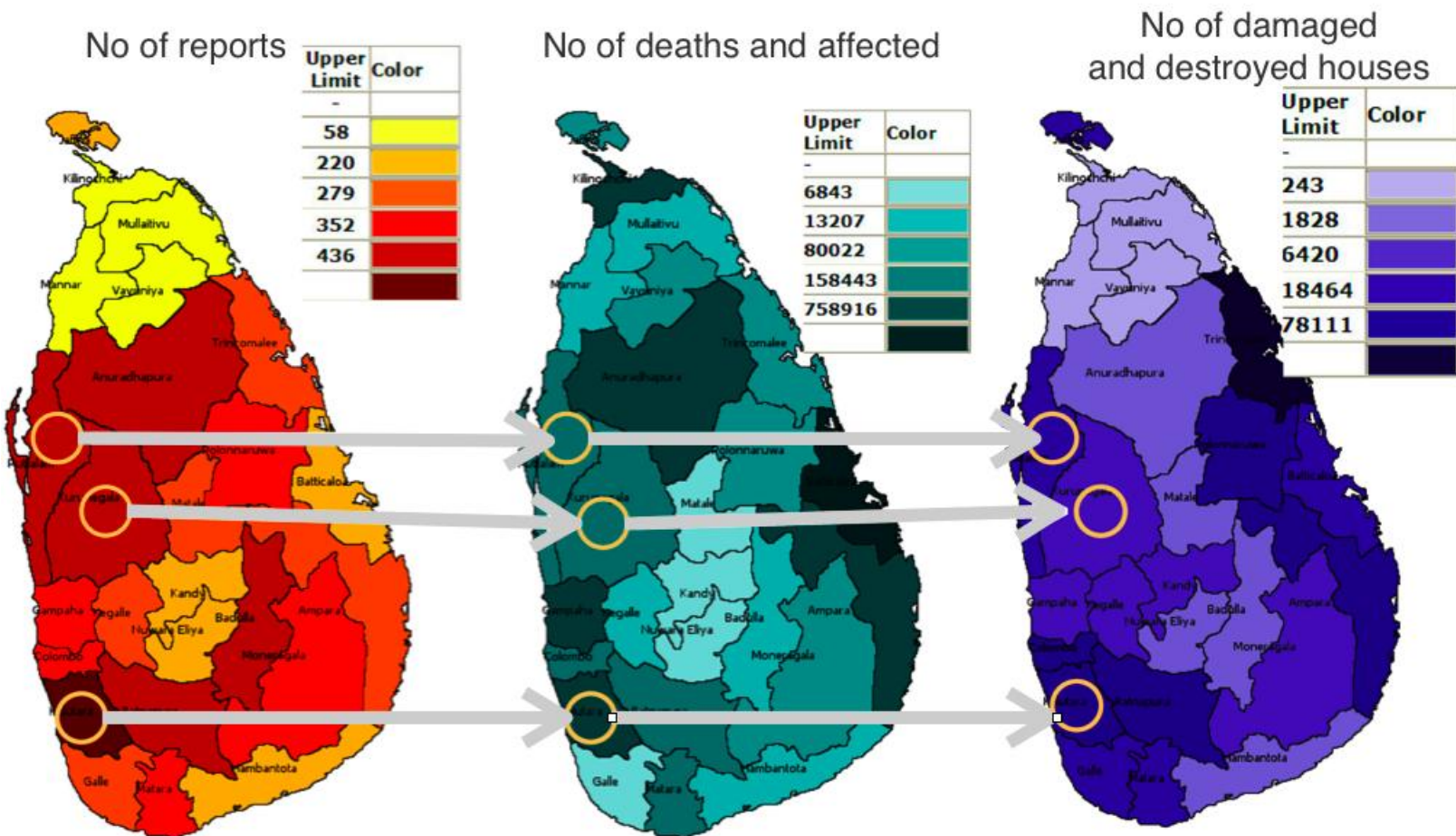
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# National Disaster Observatories



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# Most disaster prone districts



The Districts of Kalutara, Ratnapura, Puttalam, Kurunegala, Anuradhapura

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- **Inputs to the National Disaster Risk Reduction Strategy**
  - Better definition of goals, priorities and structure of risk reduction measures
- **Calibration and validation of Risk Assessments**
  - Confronting estimated vs. realized losses
- **Assessment of vulnerability and recovery capacity**
  - Physical, social, financial, political vulnerabilities
- **Monitoring effectiveness of risk reduction strategies and measures**
  - HFA's goal is reduction of losses

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# National Disaster Observatories



- Existing (run by Governments, GRIP or Partners)

## Asia

Sri Lanka, Tamil Nadu, Orissa, Indonesia, Iran, Maldives, Thailand, Nepal

## LAC

Mexico, Costa Rica, El Salvador, Colombia, Ecuador, Peru, Bolivia, Venezuela, Argentina, Chile, Paraguay, Panama

- Proposed or underway (countries implementing, interested or having Disaster Database)

## Asia

Armenia, Afghanistan, Bhutan, Cambodia, Laos, PNG\*, Vietnam\*

## Africa

Mozambique, Malawi, Madagascar

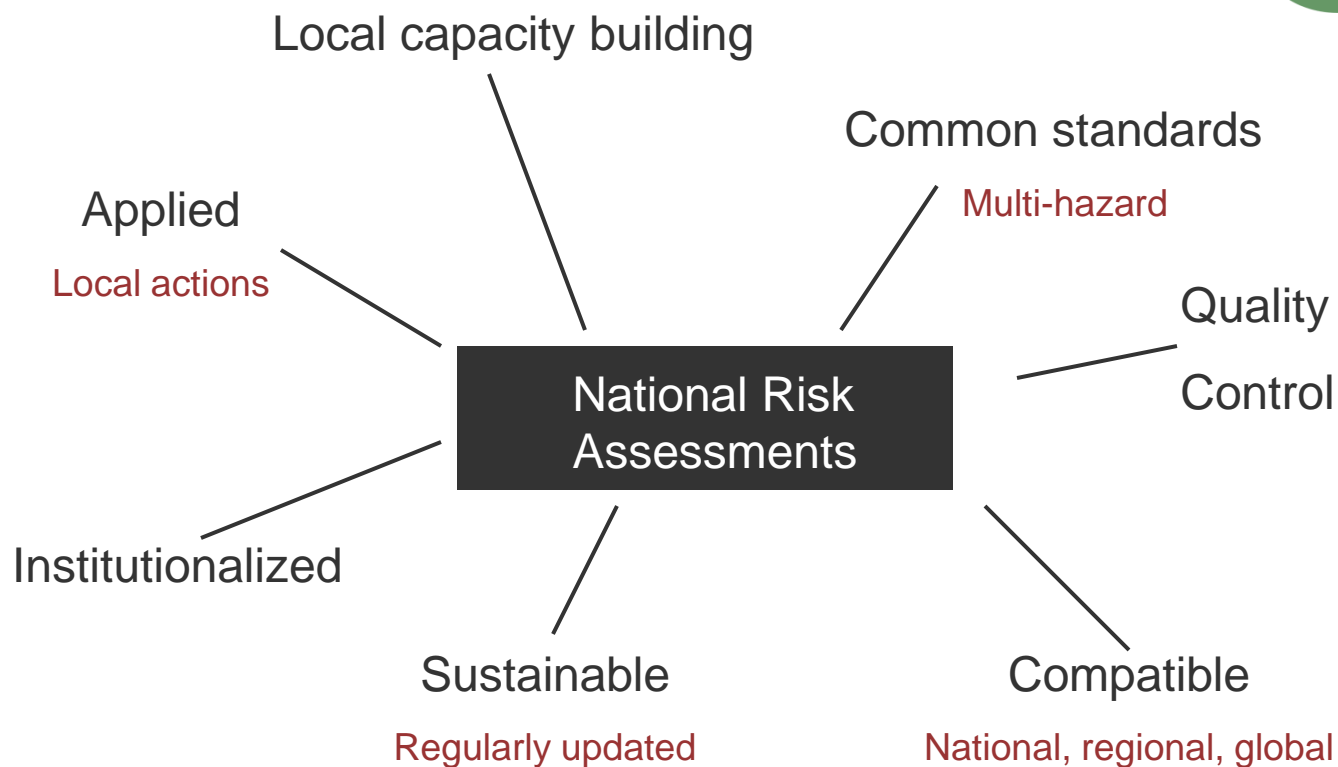
## LAC

Nicaragua\*, Guatemala\*, Honduras\*, Jamaica\*, Cuba, Trinidad and Tobago\*, Guyana\*, Antigua & Barbuda, Uruguay, Organization of Eastern Caribbean States

\* Have national disaster databases

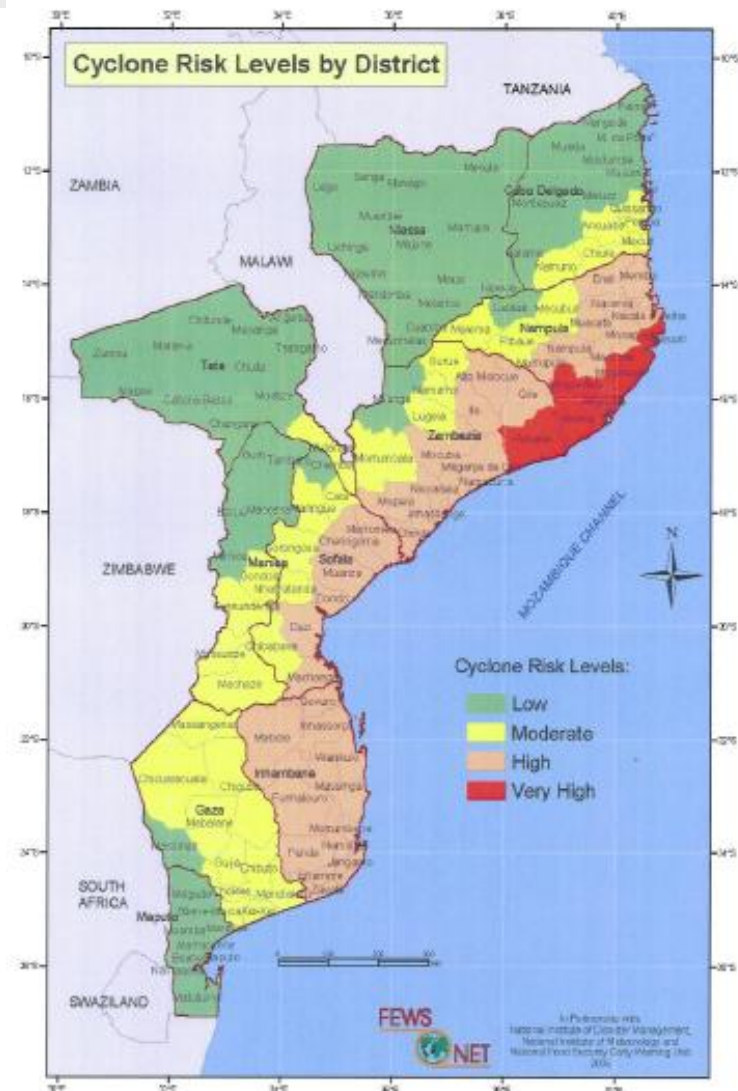
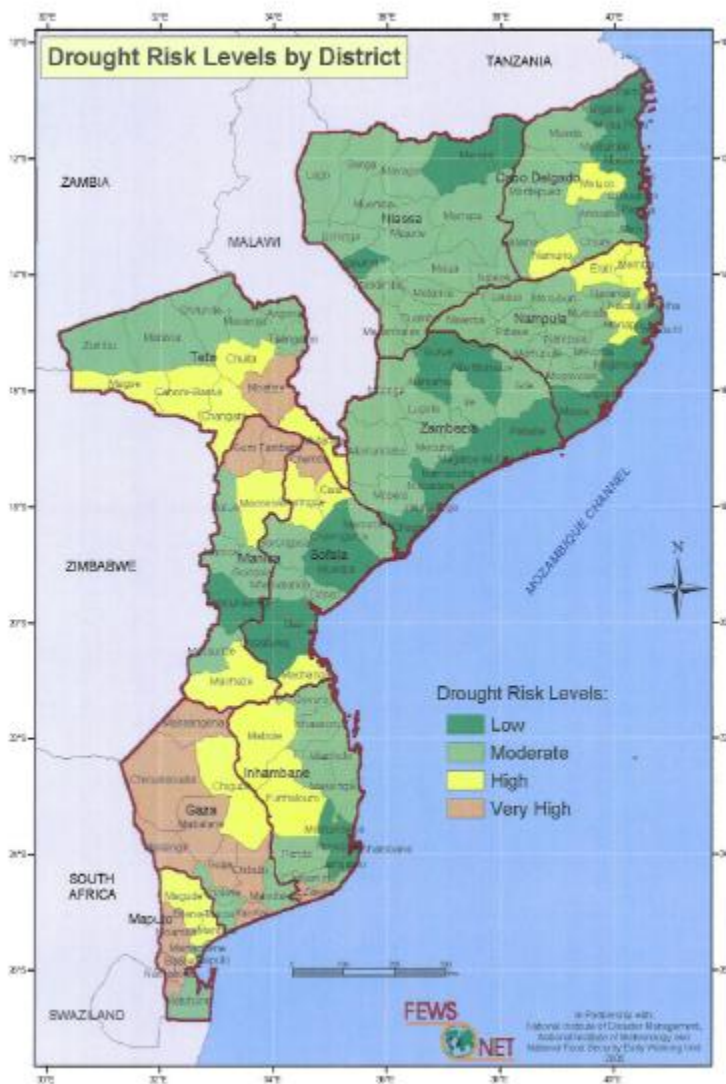
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# National Risk Assessments



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# NRA: Risk profiles

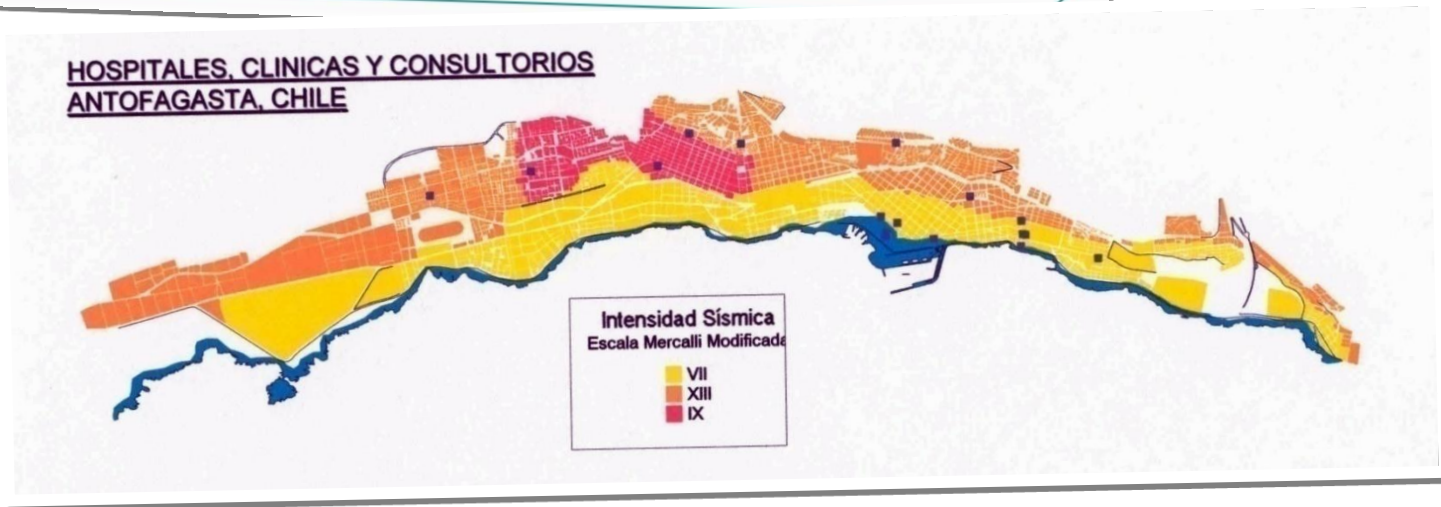
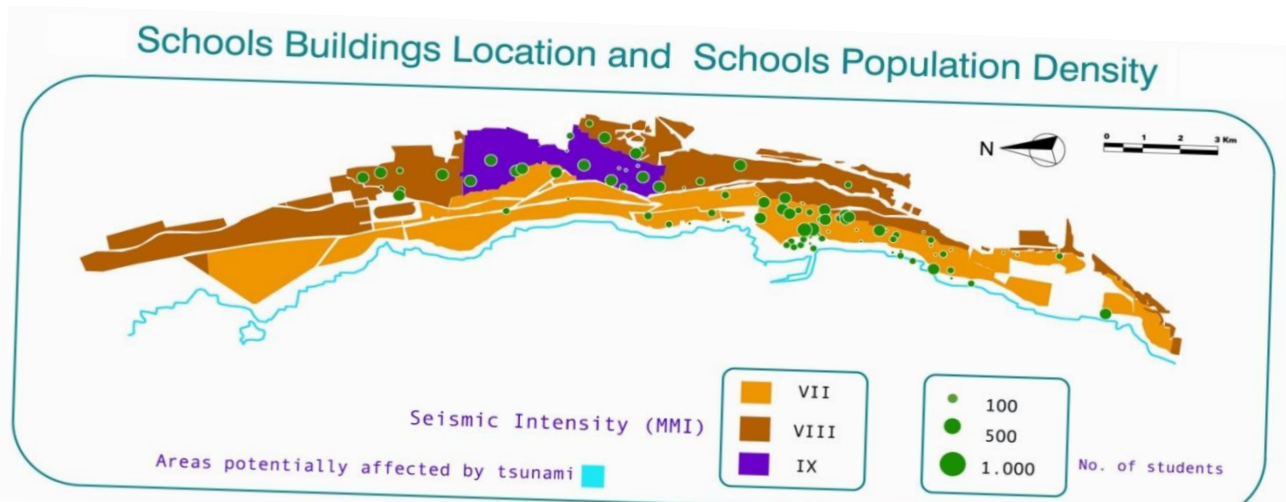


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- **National Risk Information System**
  - Collected information, findings and results are integrated and made available to all end users
- **Delineation or revision of the National Disaster Risk Reduction Strategy**
  - Definition of goals, priorities and effective actions for risk reduction. Existing strategies can be evaluated and improved
- **Strengthening of the National Disaster Risk Reduction System**
  - All major risk management actors work closely together, generating awareness, partnerships and arrangements. Roles and responsibilities are clearly defined

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# Urban Risk Assessment



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100

[illegible]

GRIP - Global Risk Identification Programme, UNDP Bureau for Crisis Prevention and Recovery, +41 22 9178399, [info@gripweb.org](mailto:info@gripweb.org), [www.gripweb.org](http://www.gripweb.org)

# Outcomes and Applications



- City Risk Information System
- Contingency plans - Pre-disaster shelter planning
- Disaster risk reduction action plans
- Incorporation of risk management in urban planning

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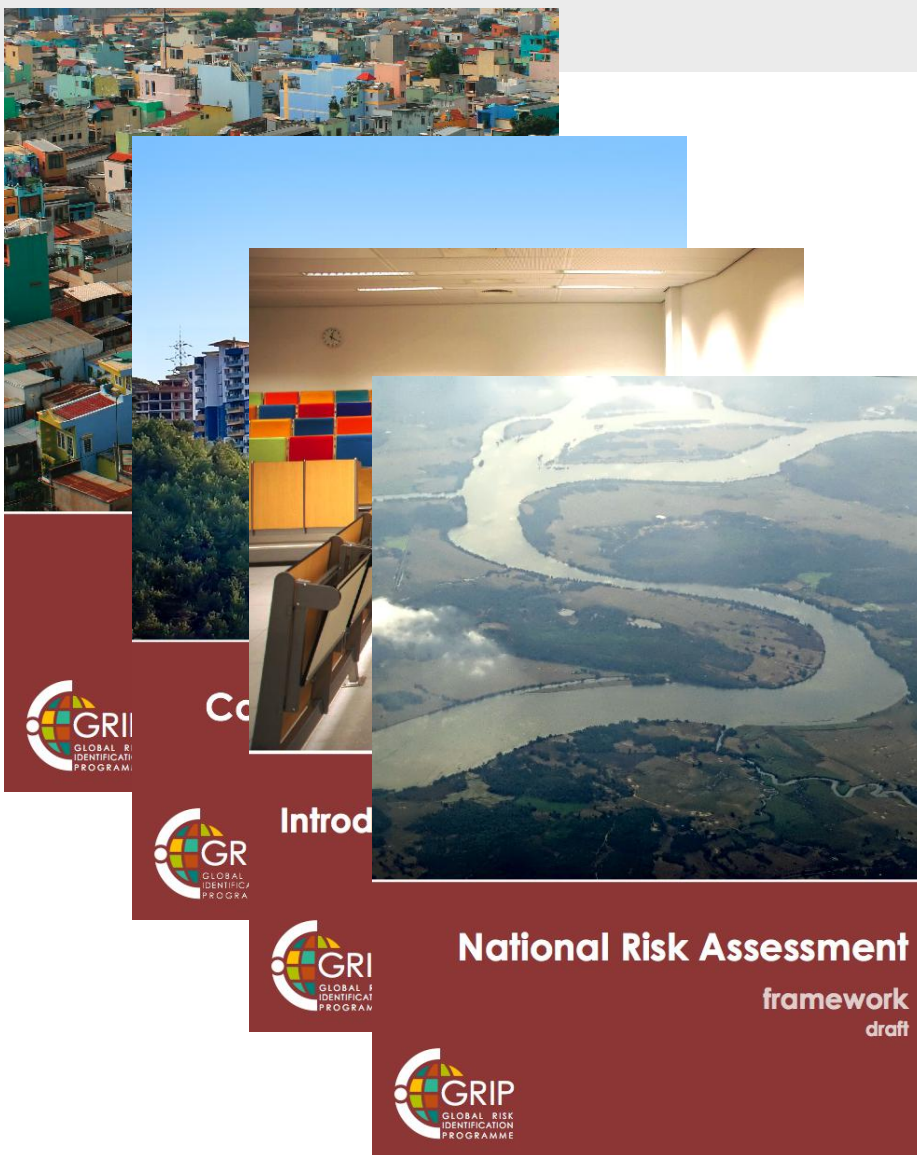


# Assistance provided by GRIP



- Methodologies and tools
- Training
- Technical advice: technical, policy making
- Coordination and overview
- Interaction with other countries
- Access to financial support

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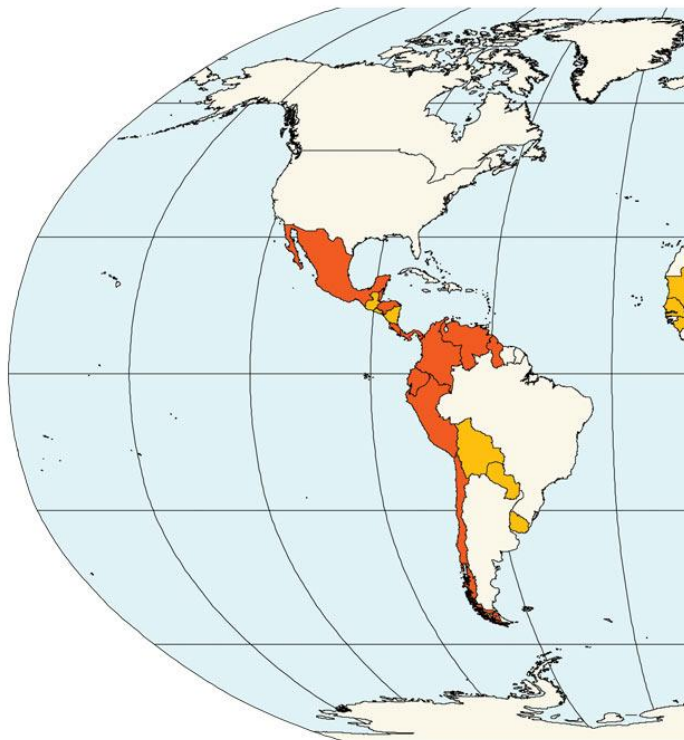


- Methodologies
- Guidelines
- Training materials

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# GRIP countries

## Countries where GRIP's activities are proposed or under implementation



**Under implementation countries:** Armenia, Ecuador, Guyana, Honduras, India, Iran, Nepal, Pakistan, Panama, Peru, Sri Lanka.

**Project proposed countries:** Afghanistan, Eastern Caribbean States, Egypt, El Salvador, Mali, Mauritania, Nicaragua, Pakistan, Paraguay, Senegal, Turkey, Uruguay.

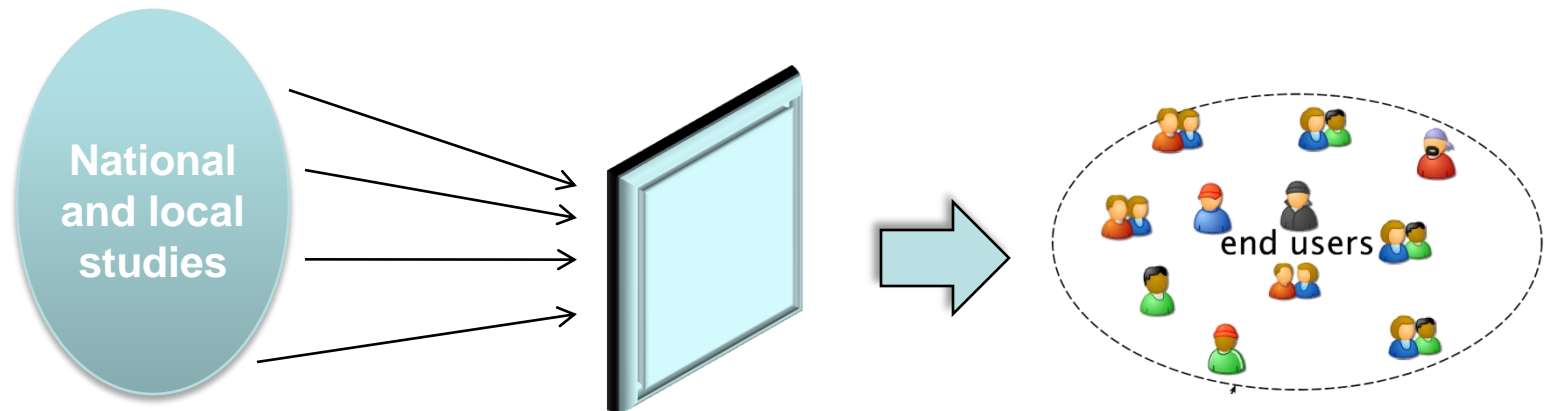
ANNUAL REPORT



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# GRIP Services to DRR Community

- **GRIP Portal:** Comprehensive service provider for Risk Assessment at every level




- The Disaster Analyst – Analysis of past disasters
- The Risk Informer – Estimation of potential losses
- The Capacity Developer – Capacity development

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# The Disaster Analyst: DisDat – Database Catalog





## DISASTER DATA PORTAL

The Portal of Natural & Technological Disaster Collections

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**SIGN IN**

Username:

Password:

[Forgot your password?](#)  
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### Welcome to Disaster Data Portal

Welcome on DISDAT the disaster data collection initiative portal. This portal is the result of a joint collaboration between the GRIP and CRED and provides a central access point to worldwide existing disaster data collection initiatives.

**LATEST DATABASES**


**NCDC** Updated by jmscheuren  
95 days ago

**NGDC** Updated by kstroker  
108 days ago

**EM-DAT** Updated by reginabelo  
115 days ago


**DATABASE LOCATION**

Map | Satellite | Hybrid





Map showing locations of disaster data collections across North America, South America, Europe, Africa, and Asia. Includes a Google logo and a Terms of Use link.

**SUPPORTED BY**



USAID  
FROM THE AMERICAN PEOPLE

**PARTNERS**



GRIP CRED

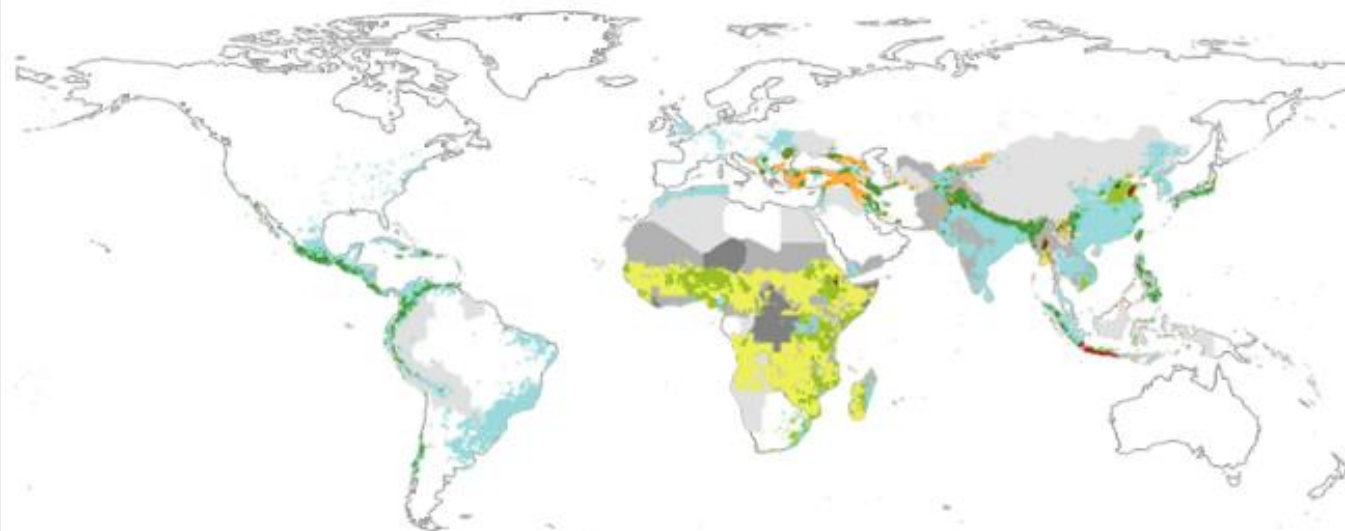
**FACTSHEET**

Nowadays, **DISDAT** contains **48** registered databases, **15** of which are **Global**, **25** **National**, **2** **Supra-national**, and **4** **Sub-national**.

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# The Risk Informer - The Disaster Watch



## High mortality risk areas

- Drought, hydro-meteo, geophysical
- Drought, geophysical
- Geophysical only
- Geophysical, hydro-meteo
- Drought & hydro-meteo
- Hydro-meteo
- Drought only

## Global poverty distribution

(GDP per capital US\$)

- <755
- 756 - 2996
- 2997 - 9266

Global risk

Global poverty

Past disaster

Current disaster

Expected disasters

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# The Capacity Developer - Online training



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Services & tools for Disaster Risk Identification

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## Disaster Database Presentation



**Regina Below presentation**  
The EM-Dat experience, St

**Angelika Wirtz presentation**  
The Munich-Re database e

**Q/A Session**

**Angelika Wirtz presentation**  
Common Terminology for H

**Q/A Session and Wrap-u**

**AUDIENCE:** general public, practioners, decision makers, scientific community

**SOURCE:** United Nations Development Programme

**LANGUAGE:** English

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**focal point**

Richard, Jean-Philippe  
UNEP/DEWA/GRID

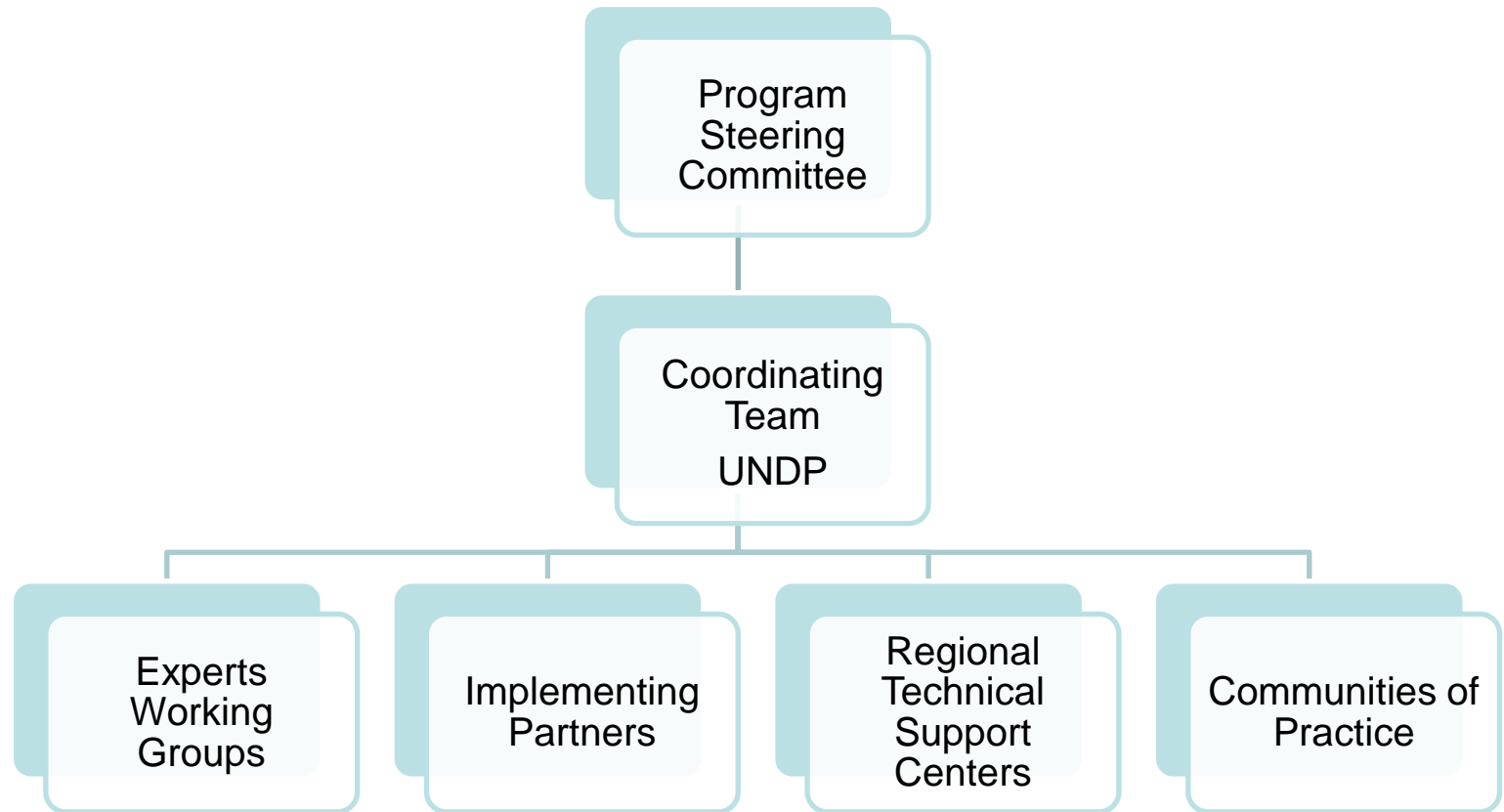
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**related links**

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# Who we are



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# Steering Committee



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra



**USAID**  
FROM THE AMERICAN PEOPLE



**IDB**

Inter-American Development Bank

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# Expert working groups

## Disaster loss data

– CRED, Munich-Re, ADRC, La Red, ISDR, UNDP



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# Implementing partners



## Governments:

- Centro Nacional de Prevención de Desastres (CENAPRED)
- CENOE, Moz
- INGC, Moz
- National Disaster Management Coordinating Board of Indonesia
- National Institute of Disaster Management, India
- Orissa State Disaster Management Authority, India
- Government of Uttar Pradesh
- State of Tamil Nadu, Government of India
- Department of Urban Development and Building Construction, Government of Nepal
- Regional Government of Arequipa
- State Government of Baja California, Mexico
- Government of Tijuana, Mexico
- Government of Chile
- Government of Myanmar
- Government of Republic of Dominicana
- Ministry of Civil Defense of Guyana
- Ministry of Defence and Finance, Government of Maldives
- Ministry of Interior, Government of Iran
- Municipality of Illam
- Municipality of Kathmandu
- Municipality of Maputo
- Municipality of Panauti
- Government of Mexicali, Mexico
- Government of Rosarito, Mexico
- Government of Tecate, Mexico
- Government of Ensenada, Mexico
- Municipality of Iquique, Chile
- Municipality of Arica, Chile
- Municipality of Antofagasta, Chile
- Municipality of Mejillones, Chile
- Municipality of Taltal, Chile
- Regional Government of Antofagasta, Chile
- Regional Government of Tarapaca, Chile
- Municipalidad de Pampacolca, Peru
- Municipalidad de Viraco, Peru
- Municipalidad de Machahuay, Peru
- SENAMHI, Peru
- INRENA

## NGOs/INGOs:

- OSSO
- NSET
- COPASA
- La Red
- RADIUS Working Group, Mexico
- IFRC
- ADRC
- NGI
- OYO International
- ProVention Consortium
- ISDR

## Academia:

- NASA Socioeconomic Data and Applications Center (operated by CIESIN)
- University of California at San Diego (UCSD)
- Universidad Autónoma de Baja California (UABC)
- Instituto Tecnológico de Tijuana (ITT)
- Dartmouth Flood Observatory
- Universidad Catholica del Norte, Chile
- University Eduardo Mondlane, Mozambique
- University of Florida
- University of West Indies
- CETYS Universidad
- CRED
- Columbia University
- CICESE, Mexico
- Colegio de la Frontera Norte (COLEF)
- Instituto Geofísico de la UNSA , Peru

## UN system:

- UNDP BCPR
- UNDP (14 Country Offices)
- WMO
- UN Habitat
- UNEP/GRID
- UNESCO

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# Regionalization



## **SE Europe - Sarajevo**

- January - 2009
- ~ 80 participants
- 9 countries

## **South Asia - Colombo**

- March- 2009
- ~ 100 participants
- 7 countries



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- Feedback
  - The Programme
  - The Services
- How can you be a part of GRIP?
  - Would you implement a service? Which one?
  - Be part of a CoP? Which one?



# Thank you!



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