



Global Perspectives on Disaster Risk Reduction

InterAction DRR Working Group
October 6, 2011

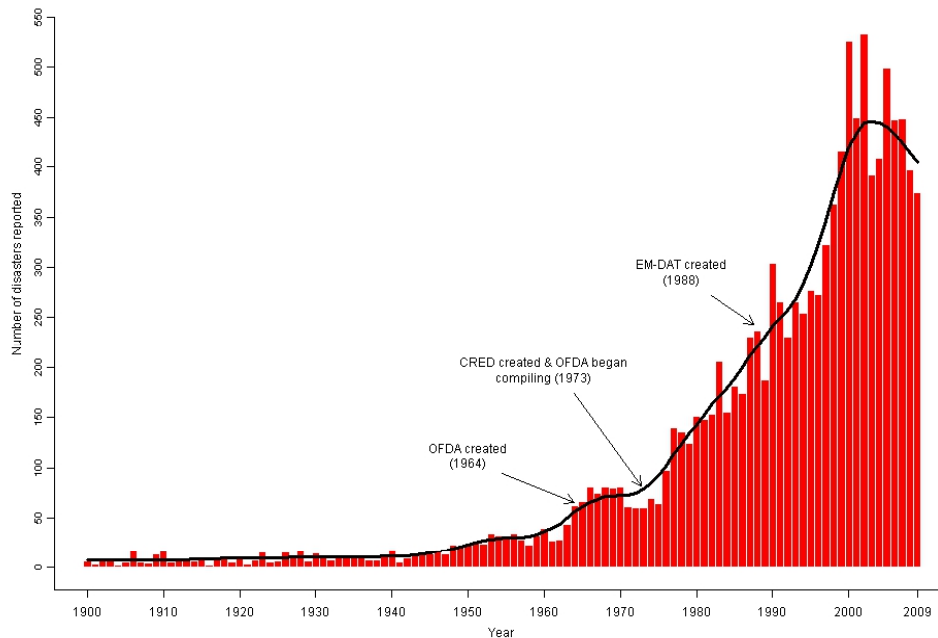


What is InterAction?

- The largest alliance of US-based International NGOs
- A membership organization
 - 190 members
 - Overseas Relief and Development
- Non-Operational
- Members pay dues and comply with standards
- Information Exchange, Policy & Advocacy
- www.InterAction.org

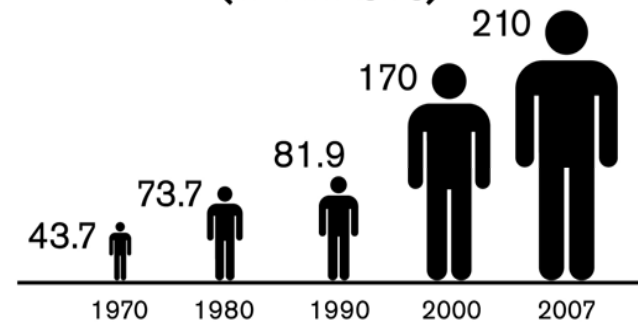
Disaster Trends

Natural disasters reported 1900 - 2009



EM-DAT: The OFDA/CRED Web-based Disaster Database - www.emdat.be - Université Catholique de Louvain, Bruxelles - Belgium

People Affected by Climate-Related Disasters (in millions)



Increased Vulnerability



Frequency and Scale of Disasters Increasing

Global Trends

Population Growth

Urbanization/Migration

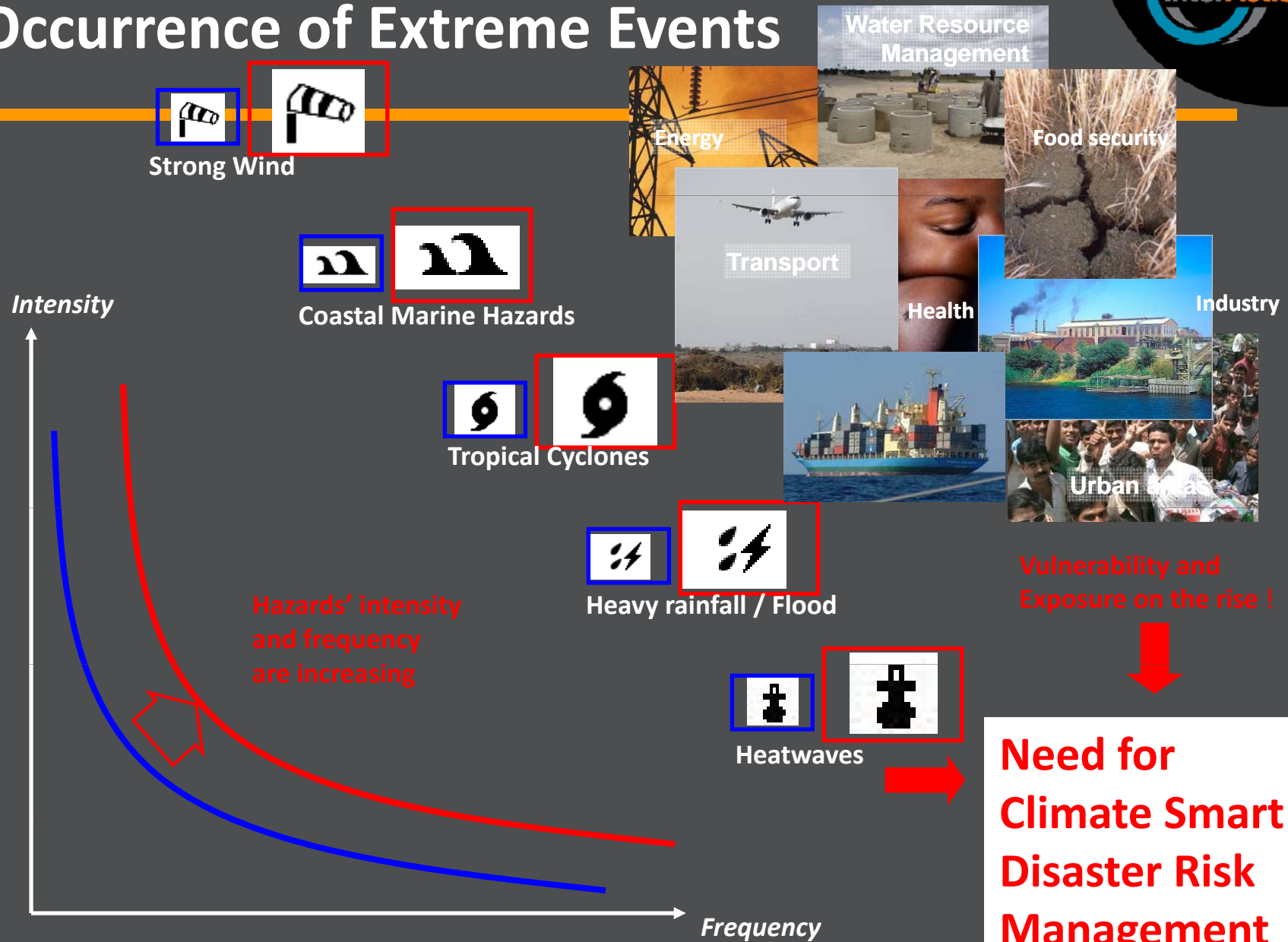
**Political/Economic
Instability (food prices)**

**Conflict (primarily over
limited resources)**

Climate Change

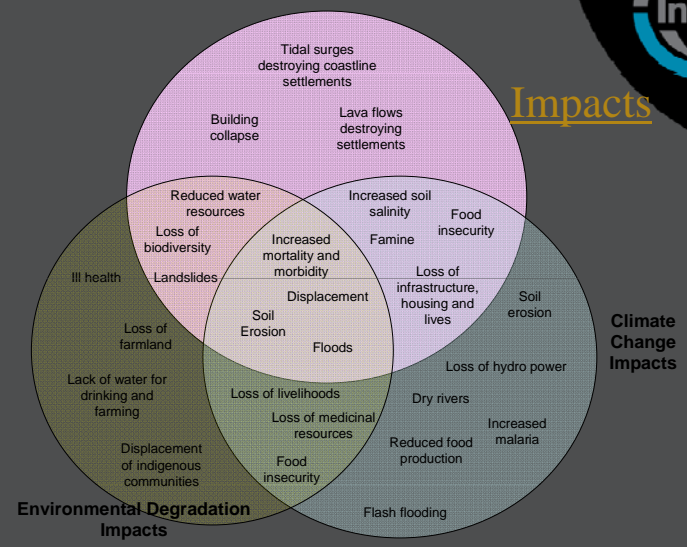
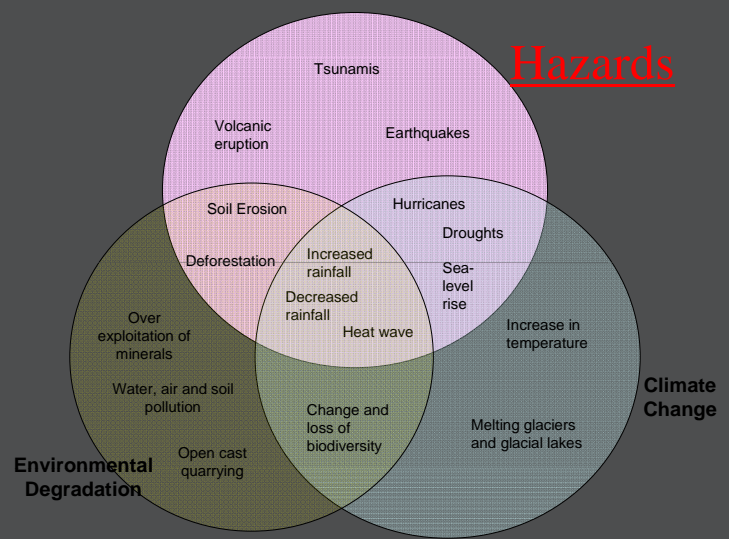


Climate Change Effects Occurrence of Extreme Events

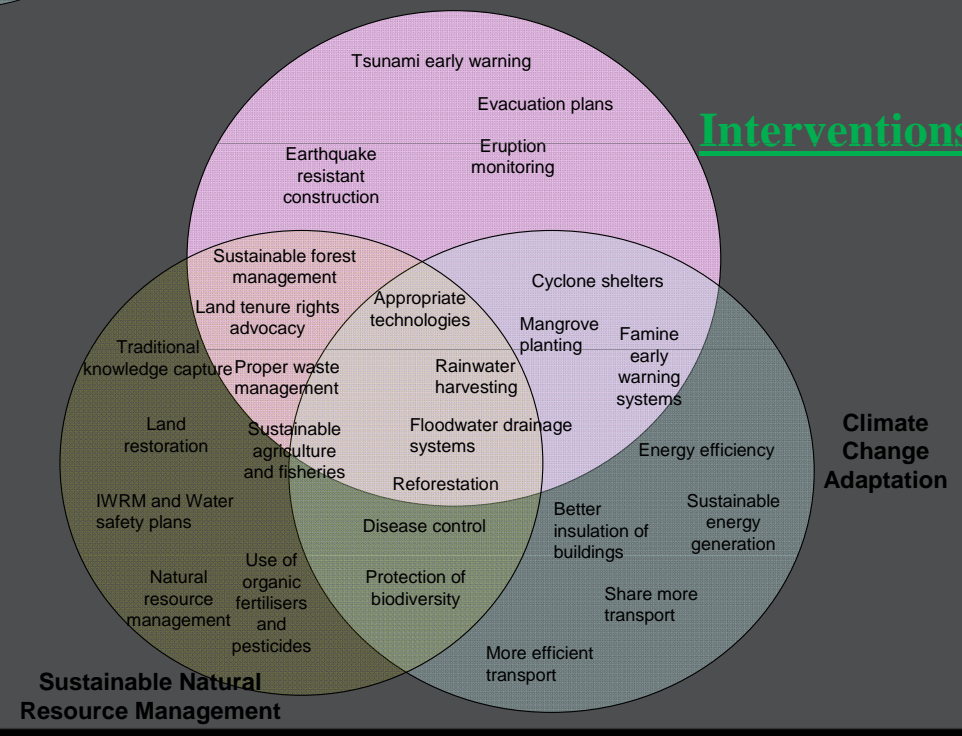


Hazards

Impacts

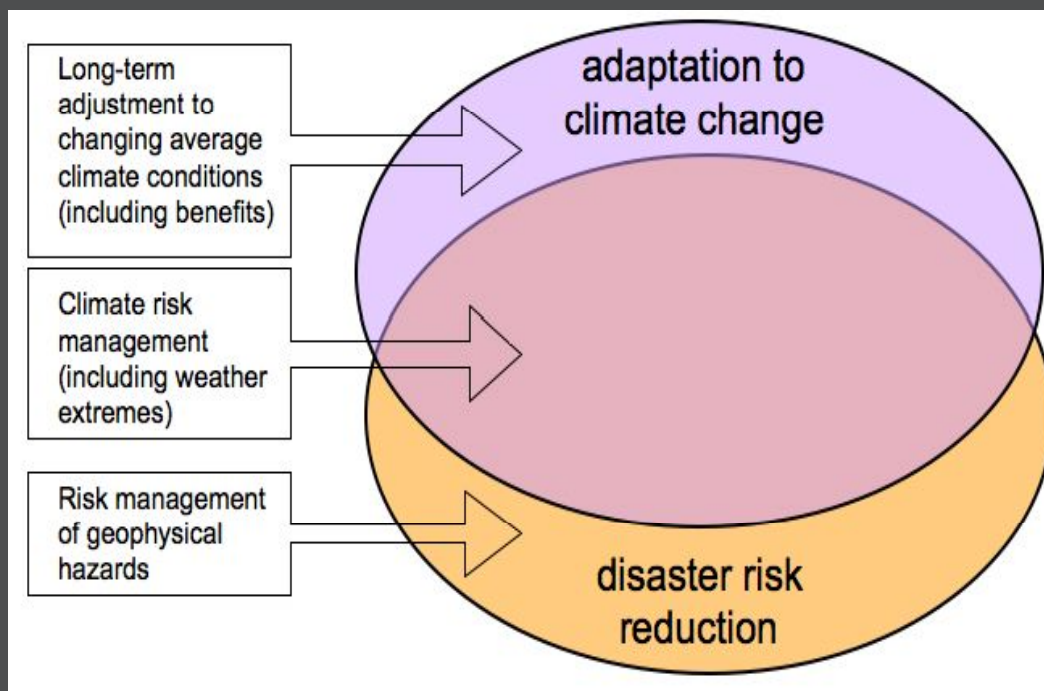


Interventions



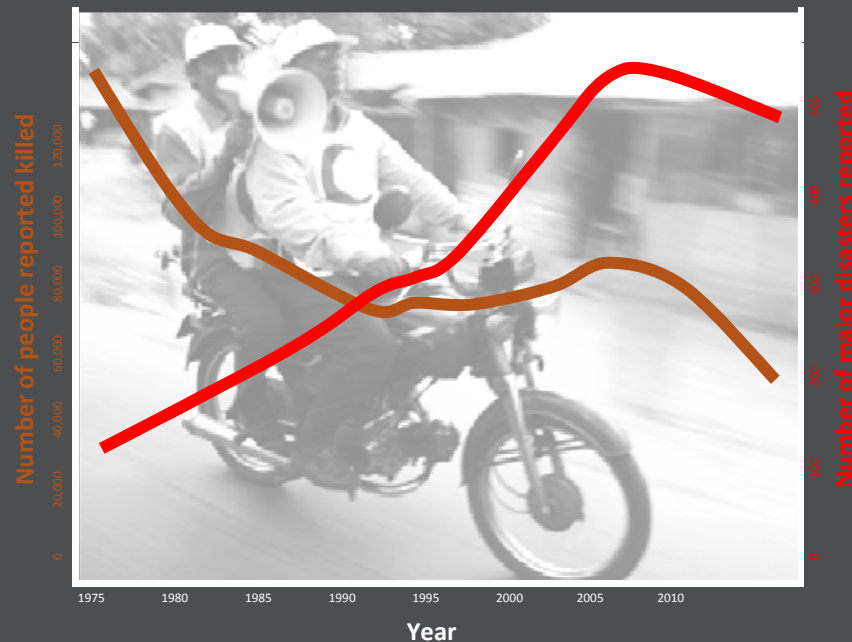
Disaster Risk Reduction and Climate Risk Management

- Disaster risk reduction and climate change adaptation should largely be managed as one integrated agenda:
Climate Smart Disaster Risk Management



Early warning / Early action saves lives

Natural Disaster Summary – 1975 to 2010



Source: CRED

Number of disasters has increased steadily from the 1970s to today, but the reported loss of life has decreased significantly, demonstrating that early warnings combined with emergency preparedness and response planning can indeed significantly contribute to saving lives

Hyogo Framework For Action: Five Years On

- Global Disaster Risk is concentrated in poor countries with weak governance
- Poorer communities share a disproportionate share of disaster loss
- Mortality is down but economic losses from disasters are skyrocketing
- Advances in establishment of national policies
- Progress made in early warning, preparedness and response

Views from the Frontline



Mixed Achievements- and losses on the rise

- National level progress has not resulted in local level results
- Resources to implement policies at local level are lacking
- Lack of capacity to scale up as needed
- Addressing underlying risk drivers
- The situation is getting worse, not better!

GNDR Recommendations



- Making DRR a legal imperative
- Rights based approach
- Community ownership/decision making
- Political commitments resulting in investment and resources

COMMUNITY DISASTER PREPAREDNESS



Community Action Planning

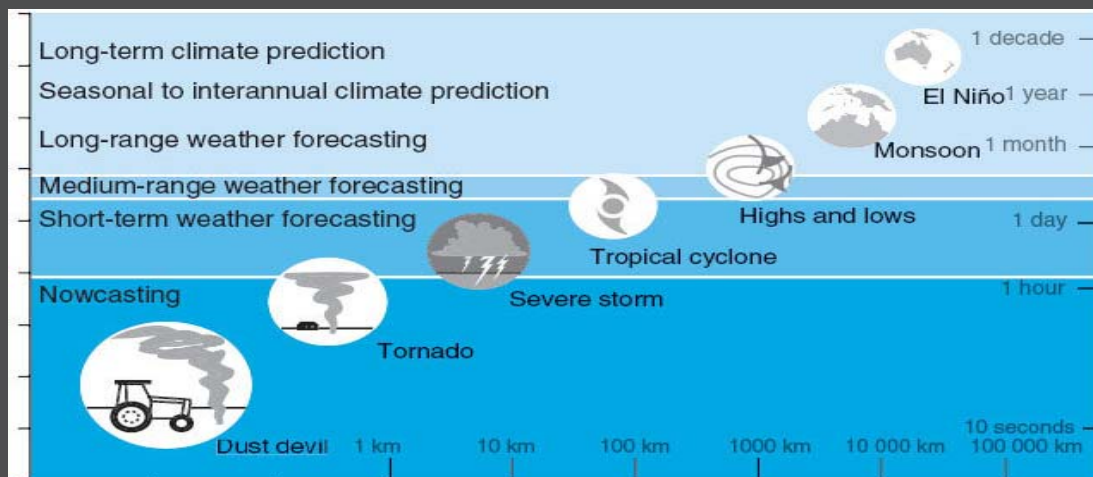
- Risk analysis and hazard mapping (Vulnerability and Capacity Assessment)
- Disaster Response and Contingency Planning
- Establishing Community Disaster Response Teams skilled in assessment, early warning messaging and evacuation, first aid, light search and rescue
- Community-based health and first aid in action
- Community simulations



Community-Based Early Warning



- End-to-end climate information communication – bottom up and top down feedback
- Multi-hazard warning – weather (cyclones, floods, heat wave), tsunami, volcanic, earthquake
- Improve warning information - understandable, trustworthy, action oriented and locally-relevant
- Increase warning lead-time and predictability



Community-Resilience Projects



- Improved drainage and water management – water harvesting
- Planting trees and mangroves
- Riverbank improvement
- Improved Evacuation Routes (footpaths/bridges)
- Herd and Range Management – Destocking/Restocking
- Hazard-resistant housing: winds, floods, cold/heat, earthquake
- Energy Efficient Stoves



School-Based Disaster Preparedness



- School risk assessment & evacuation planning including emergency drills
- DP curriculum development and teacher training (masters of disasters)
- Soft-mitigation such as securing furniture to walls and making sure exit routes remain clear at all times
- Developing school-emergency plans
- Preposition disaster response supplies
- Small-scale infrastructure improvement to use school as community safe shelters



DRR Working Group



- Promote Civil Society's role in managing its own DRR programs
- Best Practices/educational opportunities
- Promote DRR streamlining
- Work with donors
- Advocacy and Information Sharing
- For more information contact Tracy O'Heir at toheir@interaction.org