

www.ncdr.nat.gov.tw

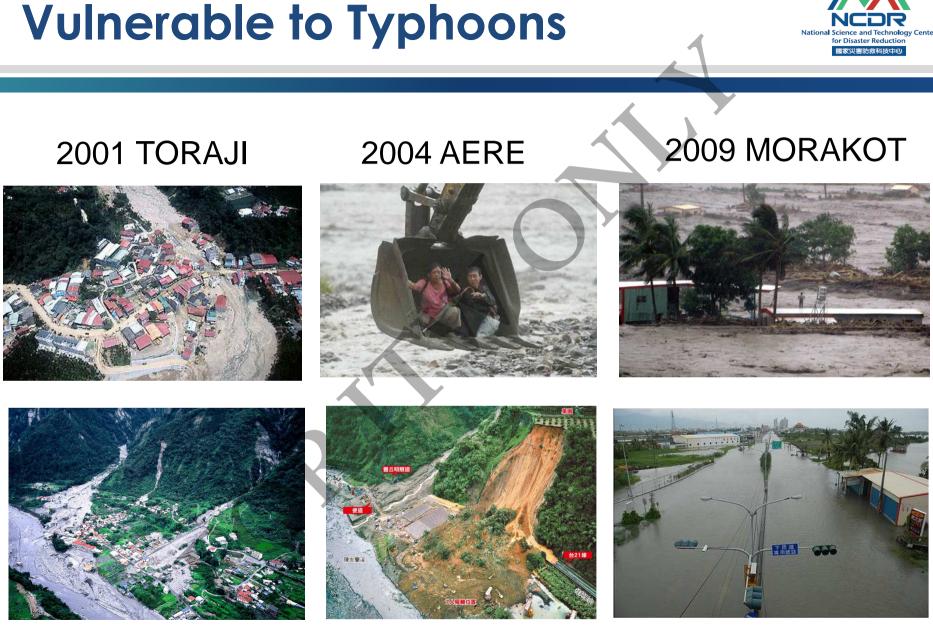


Community Disaster Risk management:

a Public-Private Partnership Approach

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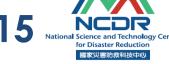
2004 MINDULLE

2008 SINLAKU

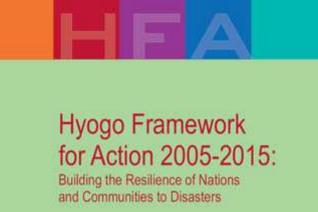
2010 FANAPI



Hyogo Framework for Action 2005-2015



- ... disaster risk reduction are mutually supportive objectives,
 ..., accelerated efforts must be made to build the necessary capacities at the community and national levels to manage and reduce risk.
- The development and strengthening of institutions, mechanisms and capacities at all levels, in particular at the community level, that can systematically contribute to building resilience to hazards.

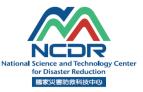




Action taken prior to the 1999 Chi-Chi EQ

- Structural measures (i.e. levee, retaining wall, etc.)
- Non-structural measures
 - education programmes or safe tips on emergency response
 - first responder training & drill
 - The forming of citizen volunteer teams



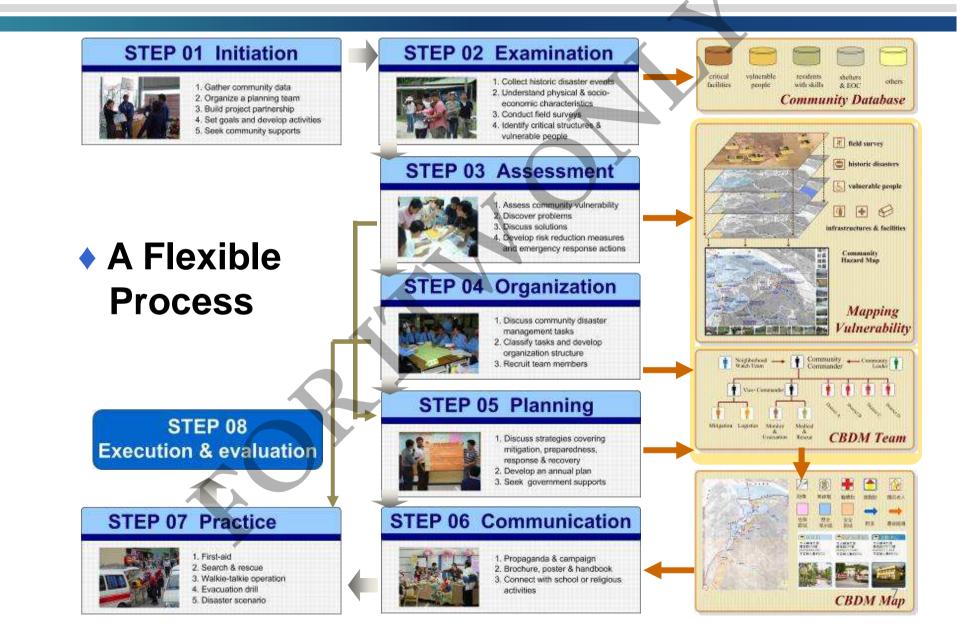


Action taken after the 1999 Chi-Chi EQ

- More structural measures to reduce disaster risk
- Non-structural measures
 - Programmes on disaster preparedness for effective response (i.e. training, drill, education, awareness raising activity, outreach, etc.)
 - Community Emergency Response Team (CERT)
 - identify of specific hazard-prone area and targeted household
 - monitoring and early warming system









範例表格

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性的	状况描述	地址	電話	緊急聯絡人
《新州 1》 31回号	春莲蒙法教	00+00400#	In-on	****(***) X*******
《範囲 2》 香 垣 岩	维信 →中型	00800400804	Xxx-xxxx	###(e3)) Xxx=xxxx

-

踏勘筆記

年10月27日
 在實地描錄的現象也知識以民眾和關於現象或知識以民眾和關節的方式
 進行證明。同時,在請助途中要該動民眾仔細觀察。負於發開。從記錄下各種發現
 以負責症這具和民的關鍵參認。

7 暢通進生路線

慮的位置。

物品,以免阻礙這生。 8 找出緊急避難處

可通往都房的路線與出入口應該要保持帳過,而且不可堆放

與家人一起討論,找出家裡較為安全並且可以作為緊急遊離

·學校

- UNICASSE

· 派出所

·西藥房

社區繁急救助

·醫院、診所

體發店

· 超市

計選緊急物資供給

· 五金行、電機行

五余行



Pilot projects

- Targeted at single hazard or multi-hazard
- Communities located in urban, suburban or rural areas

Train the trainers

- Awareness promotion
- Advanced knowledge
- Specific operation skills & methods





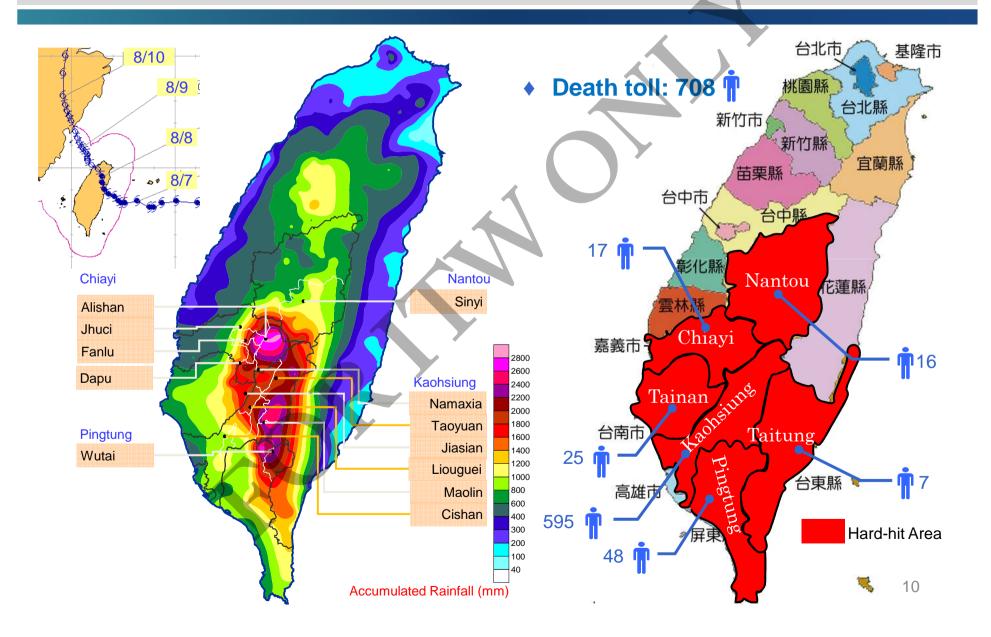






Severe Impacts of Morakot







Issues raised – communities / citizens

- Poor risk communication
 - (i.e. Communities with few disaster experiences suffered heavy casualties.)
- Ignore early warming information and evacuation advice
- Unexpected and Compound disaster events
- Facing higher risk following Morakot
- losing of tribe identification (i.e. relocation issue)
- Difficulties on livelihood recovery





Issues raised – Public sectors







Issues raised – Public sectors

- A catastrophe never experienced (i.e. mega-disaster & a multi-disaster)
- Overwhelming of local emergency response capability
- Failure of regional incident common system
- Chaos due to large scale evacuation and sheltering
- Poor connectivity in mountainous areas or remote villages
- Lack of citizen involvement in community recovery





Issues raised – private sectors



http://www.boston.com/bigpicture/2009/08/typhoon_morakot.html



Issues raised – private sectors

- Competition and poor coordination among private sectors
- Weak connection between government organizations and NGO community
- overlap of disaster relief resources in the aftermath of Morakot and sometimes focus on certain communities
- Limit access to hazard specific knowledge and real-time information
- Most resources were targeted in a short period of time following disaster





Issues raised – private sectors

What should be prepared for disaster?

-Goods	-Equipment	
-Funds	-Personnel	site specific / impacts to local business

• Disaster relief/recovery resources may lead to an adverse effect on the impacted community.

-Depend on aid and assistance from outsiders -lack of community capacity building Still being vulnerable to hazards and not disaster-resilient









Lessons learned from Morakot

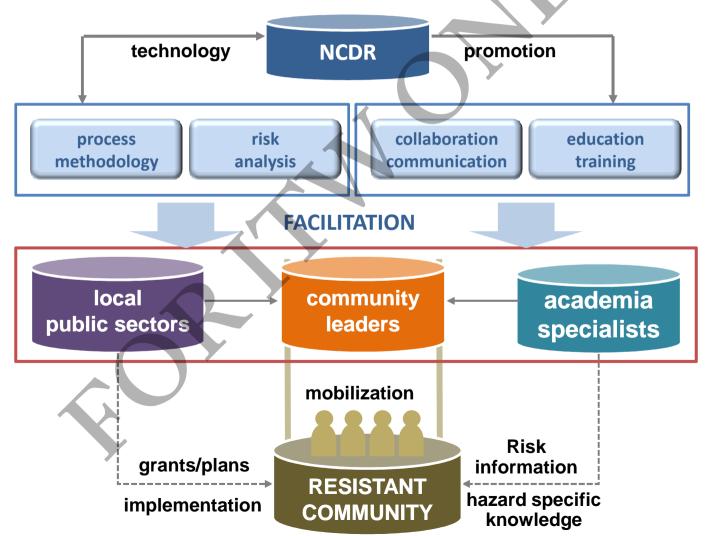


Community coping capacity & resiliency...
 Technology and communication...
 Collaboration and networking among public and private sectors
 Key elements regard to disaster impacts!





Public-Academia Collaboration



Innovation After to Morakot





Pilot study in Ku-Nga-Da-Vane

