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*United Nations Platform for Space-based Information for
Disaster Management and Emergency Response*

HFA Priorities and relevance of space based/geographic information – UN-SPIDER Interventions

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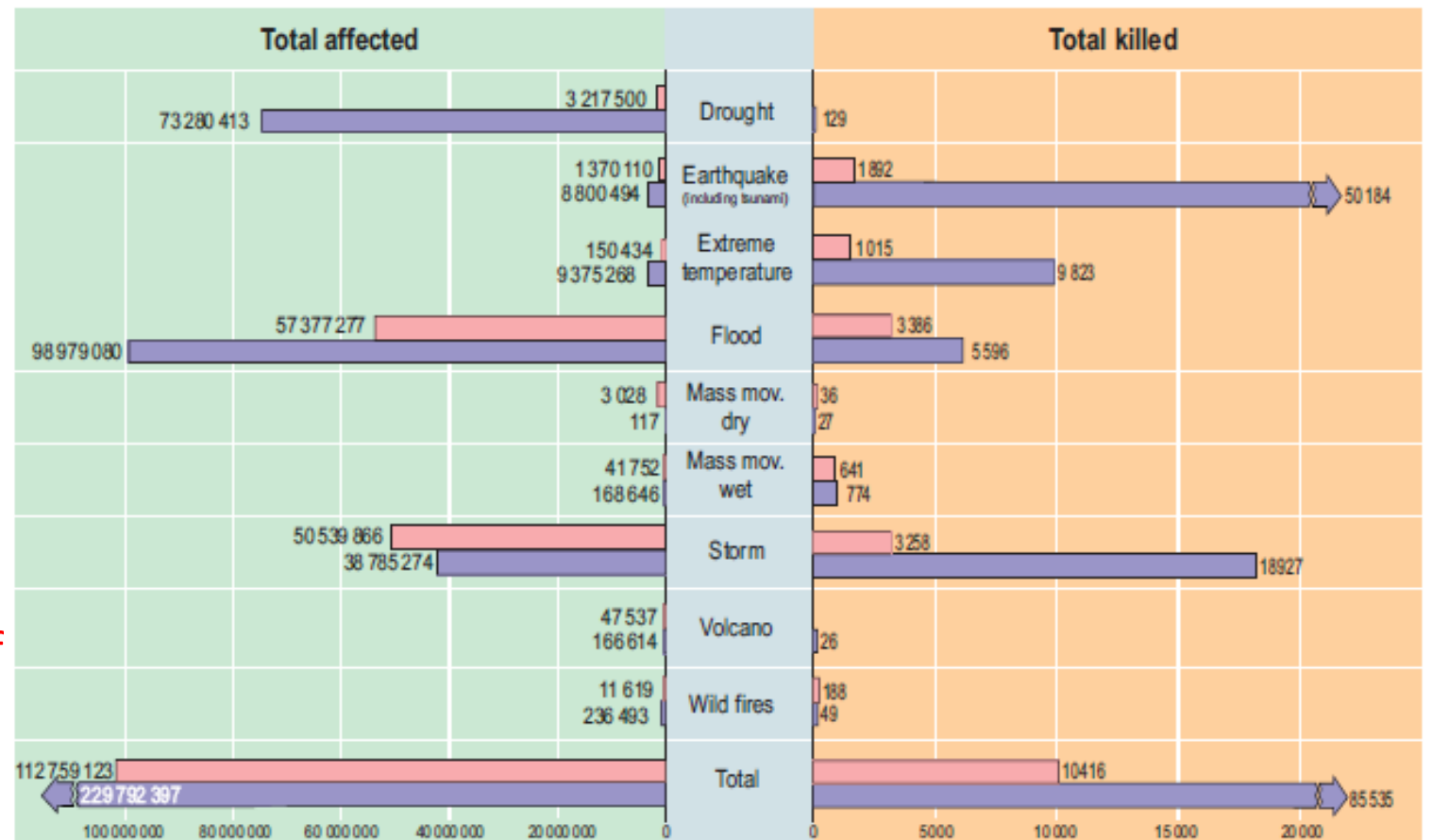
UN Office for Outer Space Affairs



Human impact by disaster type

- Flood causes largest impact
- Earthquake causes highest number of deaths
- Reasons: lack of preparedness and reliable early warning

Human impact by disaster types





Asia- the most affected



Figure I.II Global and Asia-Pacific disaster fatalities, 1970-2011



Source: Asia Pacific Disaster Report 2012

We make ourselves vulnerable



The HFA in Brief



International Strategy for Disaster Reduction

HFA

Hyogo Framework for Action 2005 - 2015: Building the Resilience of Nations and Communities to Disasters

Every year, more than 200 million people are affected by droughts, floods, cyclones, earthquakes, wildfires, and other hazards. Increased population densities, environmental degradation, and global warming adding to poverty make the impacts of natural hazards worse.

The past few years have reminded us that natural hazards can affect anyone, anywhere. From the Indian Ocean tsunami to the South Asia earthquake, from the devastation caused by hurricanes and cyclones in the United States, the Caribbean and the Pacific, to heavy flooding across Europe and Asia, hundreds of thousands of people have lost their lives, and millions their livelihoods, to disasters caused by natural hazards.

"Time is running out. We have less than 8 years left to achieve the goals set in the Hyogo Framework for Action. While some progress has been made, the cruel reality is that – helped by short sighted policies and practices – the vulnerability of our societies continues to grow. I urge all Governments, and regional and local authorities, to make disaster risk reduction a real priority and to accelerate practical steps to make communities safer from disasters. This will mean the investment of human and financial

- Every year, 200 million people affected by droughts, cyclones, earthquakes, wildfires, and other hazards
- Increased population densities, environmental degradation and global warming adds to impacts
- Few realise that devastation can be prevented through disaster risk reduction initiatives
- Hyogo Framework assists efforts of nations and communities to become more resilient



How far we succeeded?



Pakistan Floods (2010, 2011, 2012)
-1600 died
-12 million affected



Japan Tsunami (March 2011)
-28,500 died or missing
-Nuclear emergency



Bangkok Floods (2011)



Typhoon Bopha,
Philippines, Dec 2012

\$294 billion economic losses – representing 80 per cent of global losses due to disasters in 2011 (Source: Asia Pacific Disaster Report, 2012)



HFA – Priority Actions

Priority Actions: The WCDR and members countries adopted five priority actions to guide the implementation of HFA and translate political commitment into action

Priority 1: Ensure that disaster risk reduction is a national and local priority with a strong institutional basis for implementation.

Priority 2: Identify, assess and monitor disaster risks and enhance early warning.

Priority 3: Use knowledge, innovation and education to build a culture of safety and resilience at all level.

Priority 4: Reduce the underlying risk factors.

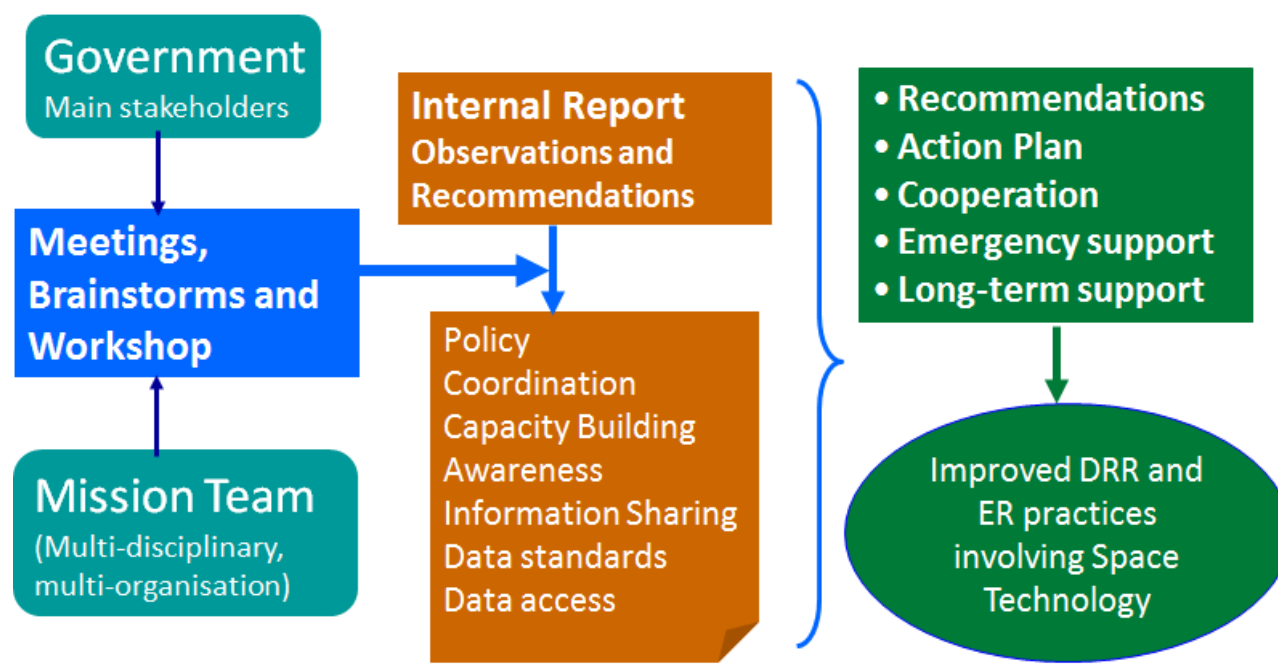
Priority 5: Strengthen disaster preparedness for effective response at all levels.



HFA Priority 1

Priority 1: Ensure that disaster risk reduction is a national and local priority with a strong institutional basis for implementation.

- policy, legislative and institutional frameworks
- for disaster risk reduction
- track progress through specific and measurable indicators.



Technical Advisory Missions

2012-Technical Advisory Support

Technical Advisory Support to 26 countries

Technical Advisory Missions (TAM) to 6 countries (*Cape Verde, Cambodia, Myanmar, Solomon Islands, Tonga and*

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