

Increasing disaster losses due to temperature DP rises and climate change ?! *Repo* 400 1991 92 Note: Includes all natural disas and non-OECD countries, requ declared by a





Risk Management

Risk Management guides decision making through a logical and systematic <u>process</u> of considering <u>all possible future outcomes</u> at <u>all</u> <u>time scales</u> taking into account <u>all the risks</u> to <u>all the stakeholders</u>, as well as <u>all the costs</u> and <u>all the benefits</u>

What have we learned?

 Risk is <u>socially constructed</u> in contexts where hazards interact with exposed and vulnerable communities or societies

U N D P

- Resources and hazards are part of the same equation and continuum
- Between "natural" and anthropogenic hazards there is a third category of hazards created at the interface of human activity and natural or modified ecosystems – <u>socio-natural hazards</u>
- Discussion on disaster risk has to be within the context of development debate
- Local level disaster risk management works



Isolated successful experiences at "piloting" risk management approaches have built a substantial body of knowledge













 Adaptation will require continual adjustment of risk management practices

Integrated Climate Risk Management

Requires the search for coherence and coordination across

- Geographical scales:community, local, regional, national and global.
- Time scales: seasonal, inter-annual, decadal and centennial.
- Climate affected sectors-- water resources, health, agriculture, food security, ecosystems etc.
- Development concerns—poverty reduction, CZM, rural development, urbanisation, economic growth etc.
- Stakeholder groups—scientists, experts, politicians and nation states, non-governmental organisations, regional and international organisations, financial institutions and civil society in general

Comparison of Disaster Data Comparison of Disaster Data Comparison of Disaster Data Comparison datasets are missing substantial numbers of disasters at the national level due to deficiencies in international reporting National datasets capture a greater proportion of the total losses but most countries do not maintain consistent and comparable records Variations in methods and standards make comparison difficult Economic losses are inadequately captured and recorded



(Panama for the period 1996 - 2001)



The Comparison				
Number of deaths:		Events with more than 10 deaths and/or 100 affected	Events with less than 10 deaths and/or 100 affected	e /ith 10 s
		Not captured by international reporting	Not captured by international reporting	ured
	Chile	10%	83%)
	Jamaica	11%	67%	
	Panama	15%	84%	
	Colombia	6%	9%	





- sets.
 The consolidation of a system for creating a unique global disaster identifier which can link national and global datasets
- Development of common reporting standards and protocols for both national and international datasets

