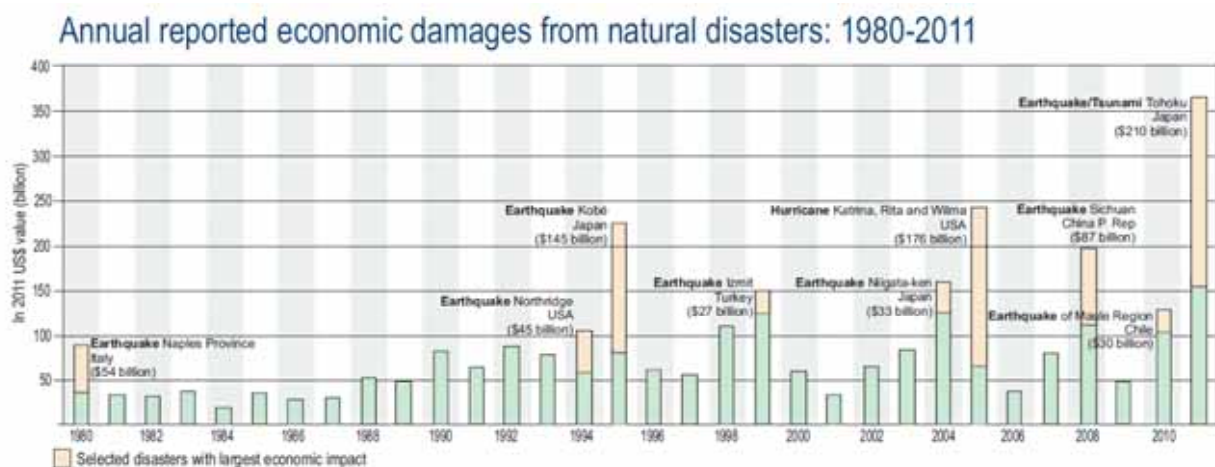
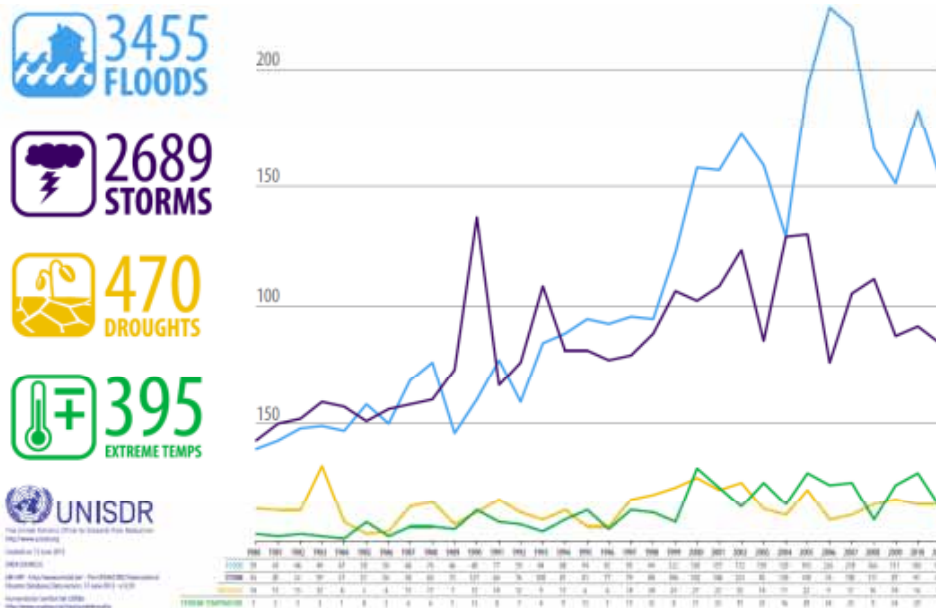


ISAP 2012 PARALLEL SESSION: FINANCIAL INNOVATIONS FOR RESILIENCE: FROM THE TSUNAMI IN TOHOKU TO CLIMATE CHANGE IN BANGLADESH AND BEYOND

レジリアンスのための金融革新：東日本大震災からバングラデッシュにおける気候変動を越えて



Source: http://www.unisdr.org/files/24692_2011disasterstats.pdf



Number of climate related disasters around the world (1980 – 2011)

(Source, UNISDR, 2012)

Top 10

Natural disasters by number of deaths⁽¹⁾: 2011

Earthquake/Tsunami, March	Japan	19 846
Tropical storm 'Sendong' (Washi), December	Philippines	1 430
Flood, January	Brazil	900
Flood, August-December	Thailand	813
Earthquake, October	Turkey	604
Flood, August-November	Pakistan	509
Storm, April	United States	350
Flood, August-November	Cambodia	247
Flood, June	China, P Rep	239
Flood, August-October	India	204

(1) Includes the reported missing persons

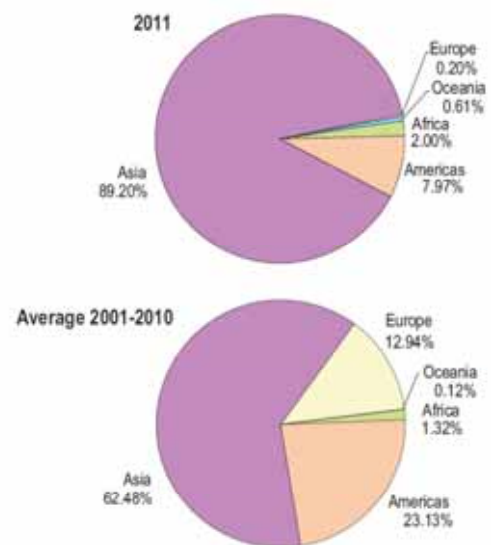
Number of reported natural disasters by country - 2011

Philippines	33
China, P Rep	21
United States	19
India	11
Indonesia	11
Mexico	10
Guatemala	7
Japan	7
Brazil	6
Bangladesh, Nigeria, Peru, Thailand, Viet Nam	5

Total killed and affected people by natural disasters per 100,000 inhabitants - 2011

Somalia	42 868
Cambodia	23 202
Djibouti	22 533
Niger	19 605
Thailand	16 228
Philippines	12 568
Burkina Faso	12 144
Namibia	11 390
Kenya	10 850
China, P Rep	9 276

Percentage of people killed by natural disasters by region





Scenes in the aftermath of the Tohoku earthquake and tsunami, march 2011



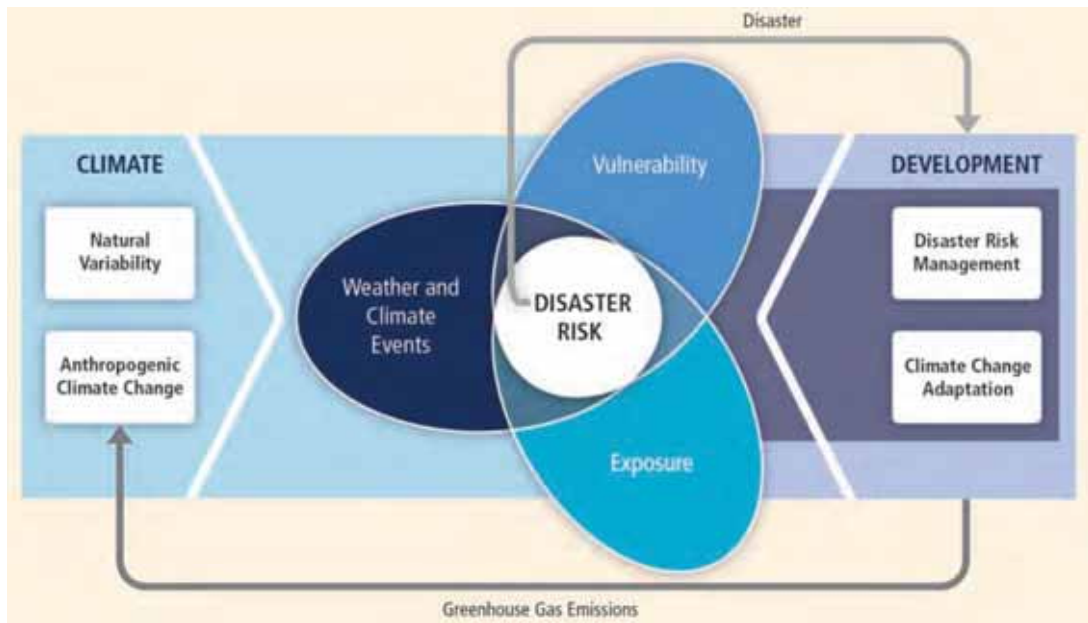
Disaster area 3 years after the 2008 Kosi River Flood

Sunsari District, Nepal, March 2011



Neighbouring area a few kms away in the same district





Source: IPCC, 2012: Summary for Policymakers. In: Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation

