





















Portsmouth				
stimates and fo y climate chang	<i>Literature review</i> recasts of the number of people displaced es			
Source	Estimates at the time of publication of the report	Predictions by 2010	Predictions by 2050	
UNEP (Tolba, 1989; Milan, 2004)	30 million	50 million	-	
Jacobson (1988)	10 million	-	-	
Myers (1993, 2002)	25 million		150, then 200 million	
Myers and Kent (1995)	25 million	50 million	212 million	
Red Cross (2001)	More than people displaced by war	-		
UNU-EHS (Adam 2005; Renaud et al., 2007)	10 million/year	50 million	200 million	
Stern (2007)	-	-	150–200 million	
Obviation Aid (0007	25 million	-	300 million	
Christian Ald (2007				

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Increasing global flood risk

There are compelling cases worldwide that suggest that wet places are getting wetter while dry places are become drier due to climate change. By 2050, annual average river runoff and water availability are projected to increase by 10-40 percent at high latitudes and in some wet tropical areas. The frequency of heavy precipitation events is also likely to increase over most land areas (IPCC 2007).

















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Case study number	Location	Number of death reported	Number of displaced people
1	2011 flooding in Genoa and Turin, Italy	10	Greater than 100
2	2011 flooding at Hubei and Zhejiang, China	105	55,00
3	2011 flooding at Pennsylvania &	15	100,00
4	2011 flooding at Sindh Province, Pakistan	1,600	5.300,00
5	2011 flooding at Orissa, India	26	193,00
6	2011 flooding at Queensland, Australia	35	200,00
7	2011 drought at some East African	Several 100	360,00
	countries		
Total		> 1 891	> 6 200 00















