







Floods Can Claim Thousands of Lives Espec	cially in
Unprepared Regions	

Location	Date	Event	Death toll		
China	1931	1931 China floods	2,500,000–3,700,000		
China	1887	1887 Yellow River (Huang He) flood	900,000–2,000,000		
China	1938	1938 Yellow River (Huang He) flood	500,000–700,000		
China	1975	Banqiao Dam failure, result of Typhoon Nina. Approximately 86,000 people died from flooding and another 145,000 died during subsequent disease.	231,000		
Indonesia	2004	Indian Ocean tsunami	230,000		
China	1935	1935 Yangtze river flood	145,000		
Netherlands	1530	St. Felix's Flood, storm surge	100,000+		
North Vietnam	1971	Hano and Red River Delta flood	100,000		
China	1911	1911 Yangtze river flood	100,000		
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## Floods Can Also Result in Billions of Dollars of Losses: Top 10 Economic Losses Since 2000

Location	Date	Event	Death Toll	Losses (M USD)	Area (km²)			
U.S.	2005	Hurricane Katrina overtops levies in New Orleans, LA	1,053	60,000	50,000			
Central Europe	2002	Heavy rains flood the Danube and inundate areas in Czech Republic, Germany & Austria	55	20,000	252,000			
U.K.	2007	A series of storms inundates much of the western U.K.		6,500	24,000			
U.S.	2005	Hurricane Rita causes coastal flooding in LA and TX	0	6,000	33,000			
U.K.	2000	A series of storms causes rivers to break their banks throughout the southern U.K	0	5,900	5,300			
Iran	2001	Extreme rainfall caused severe flooding in southern Iran	6	5,000	500			
Mexico	2007	Heavy rainfall caused extensive flooding of the states of Tabasco and Chiapas	19	5,000	36,000			
China	2007	Heavy rains cause severe flooding in southern China	600	4,250	1,916,000			
India	2005	Rain from monsoon floods areas around Mumbai	987	3,500	35,000			
SE Asia	2006	Rain resulting from Typhoon Billis floods areas of Taiwan, China, and the Philippine	629	2,238	612,000			
Source: Dartmouth Flood Observatory CONFIDENTIAL: For the exclusive use of 2011 CAS Ratemaking and Product Management Seminar attendees 6								







































































