

# SUPPLEMENTAL MATERIALS

*ASCE Natural Hazards Review*

## Economic Value of Flood Forecasts and Early Warning Systems: A Review

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**DOI:** 10.1061/NHREFO.NHENG-2094

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**Table S1. Summary of Selected Studies**

Study	Publication Type	Country or Region	VOI Method		Prevented Damage Method				
			Deductive	Inductive (SP)	Review or Conceptual	Household or Business Survey	Expert Assessment	Flood Risk Modeling	Benefit Transfer
Abaza et al (2013)	journal article	Canada	X						
Alfonso et al (2016)	journal article	France	X						
Arias et al (2015)	report	Philippines		X					
Arnal et al (2016)	journal article	UK		X					
Boucher et al (2012)	journal article	Canada	X						
Buizza (2008)	journal article	Italy	X						
Carroll (1986)	conf. proc.	US						X	
Carsell (2004)	journal article	US						X	
Chatterton & Penning-Rowsell (1981)	journal article	UK						X	
Dale et al (2014)	journal article	UK							X
Day & Lee (1976)	journal article	US						X	
Day (1970)	report	US						X	
Elmer et al (2010)	journal article	Germany					X		
Hallegate (2012)	report	Global			X				
Holland (2008)	report	Fiji						X	
Johnson et al (2020)	journal article	US							X
Kienzler et al (2015)	journal article	Germany					X		
Kreibich et al (2005)	journal article	Germany					X		
Kreibich et al (2007)	journal article	Germany					X		
Kreibich et al (2011)	journal article	Germany					X		
Kreibich et al (2017)	journal article	Germany					X		
Lim et al (2022)	journal article	US		X					
Marvi (2020)	journal article	US			X				
Matte et al (2017)	journal article	Canada	X						
McBean et al (1988)	journal article	Canada						X	

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			Deductive	Inductive (SP)	Review or Conceptual	Household or Business Survey	Expert Assessment	Flood Risk Modeling	Benefit Transfer
Merz et al (2013)	journal article	Germany				X			
Mohor et al (2020)	journal article	Germany				X			
Muluye (2011)	journal article	Canada	X						
NHWC (2002)	report	US							X
Nofal et al (2021)	journal article	US						X	
Oddo & Bolten (2019)	journal article	Thailand	X						
Pappenberger et al (2015)	journal article	EU							X
Parker & Tunstall (2007)	report	UK			X				
Parker (1991)	report	UK				X			
Parker et al (2005)	journal article	UK			X				
Parker et al (2007a)	journal article	UK				X			
Parker et al (2007b)	journal article	UK				X			
Parker et al (2009a)	report	UK			X				
Parker et al (2009b)	journal article	UK			X				
Penning-Rowsell & Green (2000)	journal article	UK			X				
Penning-Rowsell et al (2005)	report	UK					X		
Perera et al (2019)	report	Global			X				
Priest et al (2011)	journal article	EU							X
Rai et al (2020)	journal article	Nepal				X			
Rose et al (2023)	journal article	US							X
Roulin (2007)	journal article	Belgium	X						
Rozer et al (2016)	journal article	Germany				X			
RTI (2018)	report	Bangladesh				X			
Schroter et al (2008)	report	Austria				X			
Schroter et al (2014)	journal article	Germany				X			
Smith (1981)	journal article	Australia					X		
Stallings (1997)	report	US							X

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Steinfuhrer & Kuhlicke (2007)	report	Germany				X			
Suckall & Soares (2022)	journal article	South Asia			X				
Tapsell et al (2008)	report	Germany							X
Thibout et al (2017)	journal article	Canada	X						
Thieken et al (2005)	journal article	Germany				X			
Thieken et al (2007)	journal article	Germany				X			
Torterotot et al (1992)	book chapter	France				X			
Tunstall et al (2006)	report	UK				X			
Van den Bergh & Roulin (2010)	journal article	Belgium	X						
Verkade & Werner (2011)	journal article	UK	X						
Vogel et al (2018)	journal article	Germany				X			
Walser & Rotach (2006)	conf. proc.	Switzerland	X						
Wind et al (1999)	journal article	Netherlands						X	
Yoe (1994)	report	US			X				