

Study	Time frame, region	Drivers considered						Dominant drivers of change in flood risk	
		Climate change (H)	Land subsidence (H)	Change in GDP (E)	Change in population (E)	Change in asset values (E)	Change in land use (E)	Change in cropland area (E)	
Risk indicators									
Alfieri et al. (2015)	1990–2080, Europe (28 countries)	✓		✓	✓				– Combinations of change in climate, in GDP and in population
Arnell and Gosling (2016)	2050, global (20 regions)	✓		✓	✓	✓	✓	EAD, EAP	– Climate change
Bouwer et al. (2010)	2040, south Netherlands	✓			✓	✓		EAD, Loss probability curves	– Climate change
Budiyono et al. (2016)	2030, Jakarta	✓	✓			✓		EAD	– Land subsidence and land use change
Elmer et al. (2012)	1990–2020, Mulde River, Germany	✓			✓	✓		EAD	– Land use change
Feyen et al. (2009)	2071–2100, Europe	✓				✓		EAD	– Land use change
Feyen et al. (2012)	2071–2100, Europe		✓					EAD, EAP	– Climate change
Hall et al. (2003)	2030–2100, England and Wales	✓		✓	✓	✓	✓	EAD, EAP	– Change in GDP, asset values, land use, and population (socio-economic drivers)
Hattermann et al. (2014)	2011–2100, Germany	✓						EAD	– Climate change
Lung et al. (2013)	2011–2040 and 2041–2070, Europe	✓			✓	✓		Three indicators related to 100-year flood: percentage of flooded area; mean water depth of flooded area; percentage of commercial and industrial areas within flooded area (only for 2011–2040)	– Combinations of change in climate, in asset value, and in land use
Muis et al. (2015)	2000–2030, Indonesia	✓				✓		EAD	– Land use change
Rojas et al. (2013)	2000–2080, European Union	✓		✓	✓	✓		EAD, EAP	– Change in GDP, asset values, and population (socio-economic drivers)
Te Linde et al. (2011)	2030, Rhine catchment	✓				✓		EAD	– Climate change