

Study	Measurement/analysis methods	Purpose	Flood type	Location
Cervone et al. (2016), Schnebele et al. (2014), Schnebele and Cervone (2013)	analysis of pictures and videos collected from social media (Facebook and YouTube) and crowdsourced (Flickr)	mapping	flood map	USA and Canada
Li et al. (2017)	analysis of texts and pictures collected from social media (Twitter)	mapping	flood map	USA
Rosser et al. (2017)	analysis of crowdsourced pictures (Flickr)	mapping*	flood map	UK
Aulov et al. (2014)	visual analysis of texts and pictures collected from social media (Twitter and Instagram)	modelling	coastal flood	USA
Smith et al. (2015)	analysis of texts and pictures collected from social media (Twitter)	modelling	pluvial and drainage flood	UK
Yu et al. (2016)	citizen visual identification of flooded location collected by Chinese government website	modelling	pluvial and drainage flood	China
Padawangi et al. (2016)	citizen information	monitoring	flood	Indonesia

* A statistical model is created, but in this study we consider only physical models in the modelling category.