

Study	Measurement/analysis methods	Type	Purpose	Flood type	Location
Alfonso et al. (2010)	citizen reading of water level gauges sent by text message	1-D	monitoring	no flooding	the Netherlands
Lowry and Fiennen (2013)	citizen reading of water level gauges sent by text message	1-D	monitoring	no flooding	USA
Degrossi et al. (2014)	citizen reading of water level gauge sent through app/website	1-D	monitoring	no flooding	Brazil
Walker et al. (2016)	citizen reading of water level gauge collected and provided by the community	1-D	monitoring	no flooding	Ethiopia
Fava et al. (2014)	citizen reading of water level gauge sent through app/website	1-D	modelling	flood forecasting	Brazil
Le Boursicaud et al. (2016)	LSPIV analysis of video collected from social media (YouTube)	1-D	monitoring	flash flood	France
Le Coz et al. (2016)	LSPIV analysis of video sent through website	2-D	modelling	fluvial flood	Argentina
Michelsen et al. (2016)	analysis of images extracted from videos collected from social media (YouTube) and photographs	neither	monitoring	no flooding	Saudi Arabia
Li et al. (2017)	analysis of texts and pictures collected from social media (Twitter)	2-D	monitoring	flood map	USA
Starkey et al. (2017)	citizen reading of water level gauge and analysis of pictures and videos collected from social media (Twitter) and crowdsourced (email, website and mobile app)	2-D	monitoring	flood	UK
McDougall (2011), McDougall and Temple-Watts (2012)	analysis of texts and pictures collected from social media (Twitter, Facebook) and crowdsourced (email, text message, Ushahidi, Flickr and Picasa)	2-D	mapping	flood map	Australia
Kutija et al. (2014)	analysis of pictures collected by the university and city council	2-D	modelling	pluvial and drainage flood	UK
Aulov et al. (2014)	visual analysis of texts and pictures collected from social media (Twitter and Instagram)	2-D	modelling	coastal flood	USA
Fohringer et al. (2015)	visual analysis of pictures collected from social media (Twitter) and crowdsourced (Flickr)	2-D	mapping	flood	Germany
Smith et al. (2015)	analysis of texts and pictures collected from social media (Twitter)	2-D	modelling	pluvial and drainage flood	UK