

Indices to measure water safety and quality

Dimension	Indices	Definition	Data source
Safety and quality	Water quality index	The WATQI reports water quality (estimates) on the basis of five common WQ parameters: dissolved oxygen, electrical conductivity, pH value, and total nitrogen and phosphorus concentrations (Srebotnjak et al., 2012).	GEMStat https://gemstat.bafg.de/applications/public.html?publicuser=PublicUser#gemstat/Stations
	WATQI		Transboundary Waters Assessment Programme http://twap-rivers.org/indicators/
	Flood frequency index	Frequency of flood events during 1985–2003. (Source: Center for H et al 2005)	World resources Institute https://www.wri.org/applications/aqueduct/floods https://www.wri.org/resources/datasets/aqueduct-floods-hazard-maps Transboundary Waters Assessment Programme http://twap-rivers.org/indicators/