

# Water risk assessment tools



ID	Tool	Language used	Accessibility	Degree of usage	Focus	General use	Inputs	Skills	Outputs	Example of users	Source	WEB address (access period: April 2020)
22	Water Risk Filter	[EN]	Easy to access	Globally used	Water Risk Assessment	Enable to explore, assess, value and respond to water risks	Existing data	GIS	Implementation pathway	Worldwide	WWF Germany	<a href="https://waterriskfilter.panda.org/">https://waterriskfilter.panda.org/</a>
					NA	NA	Satellite based data	Information Technology	Knowledge gap identification			
					NA	NA	Field based data	NA	Informed decision making			
					NA	NA	NA	NA	Economic valuation			
23	Aqueduct™ Tools	[EN]	Easy to access	Globally used	Water Risk Assessment	Map water risks	Spatial data	GIS	Map	Worldwide	World Resources Institute	<a href="https://www.wri.org/aqueduct#aqueduct-tools">https://www.wri.org/aqueduct#aqueduct-tools</a>
					NA	NA	NA	Information Technology	NA			
24	Dynamic Water Resources Assessment Tool (DWAT)	[EN]	Easy to access	Globally used	Water Risk Assessment	Assessment of land-use changes overtime	Existing data	GIS	Economic valuation	World Meteorological Organization (WMO)	World Meteorological Organization (WMO)	<a href="https://public.wmo.int/en/water/dynamic-water-resources-assessment-tool">https://public.wmo.int/en/water/dynamic-water-resources-assessment-tool</a>
					Adaptive management	NA	Field based data	Modelling	Progress evaluation			
					Governance & Accountability	NA	Spatial data	NA	Ecologic valuation			
					IWRM	NA	Satellite based data	NA	Satellite based interpretation			
25	FREEWAT	[EN]	Easy to access	Locally used	Water Risk Assessment	Simulation of water quantity and quality in surface water and ground water	Spatial data	GIS	Satellite based interpretation	European Union	EU HORIZON 2020 Project	<a href="http://www.freewat.eu/project">http://www.freewat.eu/project</a>
					NA	NA	Satellite based data	Modelling	Map			
					NA	NA	NA	NA	Map			
					NA	NA	NA	Information Technology	NA			