



Deltares developed the CHWA that makes full use of 12 open access global datasets on the geological layout, wave climate, tides, storms and vegetation in coastal and marine systems and uses information on accretion along coastlines as identified in Deltares' [Aqua monitor](#) using satellite images. Based on this information the app-user can determine the hazard levels – from low (1) to very high (4) – at any given transect along coastlines of the world. The CHW app is part of the [Coastal Hazard Wheel platform](#) that is also launched in March 2017.

Currently the CHW App is being used for regional hazards assessments on coastal erosion in Vietnam and Colombia.