Clean Waters

Measures the degree to which oceans are free of chemicals contaminants, excessive nutrients, human pathogens and trash.

x_{cw} the status of the clean waters goal, calculated only for the first 3 nm of ocean for a region's EEZ

$$x_{cw} = \sqrt[4]{a * u * l * d}$$

$a := 1 - $ the number of people without access to sanitation, rescaled to the global maximum

$u := 1 - $ nutrient input, rescaled at the raster level by the 99.99th quantile value

$l := 1 - $ chemical input, rescaled at the raster level by the 99.99th quantile value

$d := 1 - $ marine debris, rescaled at the raster level by the 99.99th quantile value