

Natural Products

Measures how sustainably people harvest non-food products from the sea.

x_{np} is the status of the natural products goal

$$x_{np} = \left(\frac{1}{N} \right) \sum_{c=1}^N P_c \times w_c$$

$$P_c = H_c \times S_c$$

$$S_c = 1 - \text{average}(E_c + R_c)$$

S_c is the sustainability of the commodity c

E_c is ln-transformed harvest intensity: tonnes harvested per km² of coral and/or rocky reef, relative to global max

R_c risk term based on whether commodity has unsustainable harvest practice, per listings in CITES appendices II and III

P_c is the status of natural product category c

H_c is the harvest level for a category relative to its own (buffered) peak reference point

w_c ratio of max USD value for product across all years, relative to sum of max values for all products harvested in the country

N the number of product categories c harvested