The sustainable harvest of seafood from wild-caught fisheries.

x_{fis} is the status of the wild-caught fisheries, fisheries food provision sub-goal

$$x_{fis} = \prod_{i=1}^{n} SS_i^{\left(\frac{C_i}{\Sigma C_i}\right)}$$

$$SS = \begin{cases} B/B_{MSY}, & \text{if } B/B_{MSY} < 0.95 \\ 1, & \text{if } 0.95 \leq B/B_{MSY} \leq 1.05 \\ max\{1 - \alpha(B/B_{MSY} - 1.05), \beta\}, & \text{if } B/B_{MSY} > 1.05 \end{cases}$$

SS are stock status scores
B/B_{MSY} is maximum sustainable yield for a stock
C_i / ΣC_i is the relative contribution of a stock i to overall catch
C is the average catch since the first non null record, for each taxon within each region

i is an individual taxon
n is the total number of taxa in the reported catch for each region throughout the time-series
α set to be 0.5, status decline rate; under-harvest penalty is half of that for over-harvest of stocks
β is the minimum score a stock can get, set to 0.25