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2016 Ocean Health Index Global Assessment: Tanzania Profile

This document provides a brief summary of the results for Tanzania from the 2016 Ocean Health Index (OHI) Global Assessment.

Global results

As in previous years, this assessment updated datasets and methods to integrate new knowledge and information. The Index Global score for 2016, the Exclusive Economic Zone (EEZ) area weighted average of region (countries and territories) scores, is 71. This value did not vary statistically significantly from 2012 to 2016.

Several goals had significant changes:

Improving scores

- Lasting special places scores increased by an average of 0.5 points per year
- Artisanal opportunities scores increased by just over 0.15 points per year
- Species condition scores improved by a small, but statistically significant, 0.03 points per year

Declining scores

- Natural products declined by over 2.5 points per year on average
- Coastal protection declined by 0.12 points per year on average
- Clean waters declined by 0.15 points per year on average
- Species condition was ranked the goal with the highest score of 92, while mariculture was ranked the goal with the lowest score of 32.

For a detailed summary of global results visit: <http://www.oceanhealthindex.org/region-scores>

Methods and dataset updates

For 2016, all goals and subgoals were updated, except for livelihoods and economies and coastal protection (due to data availability limitations).

Additional years of data were available for the following goals/subgoals: artisanal opportunities, species condition, habitat and coastal protection (sea ice), mariculture, clean waters (land-based pollution), iconic species, lasting special places, natural products, tourism and recreation.

Improved data were available for the following goals/subgoals: fisheries, species condition (bird data are now included), clean waters (trash trends are calculated using actual trash data, rather than proxy population data), iconic species (trend is now directly estimated from data).

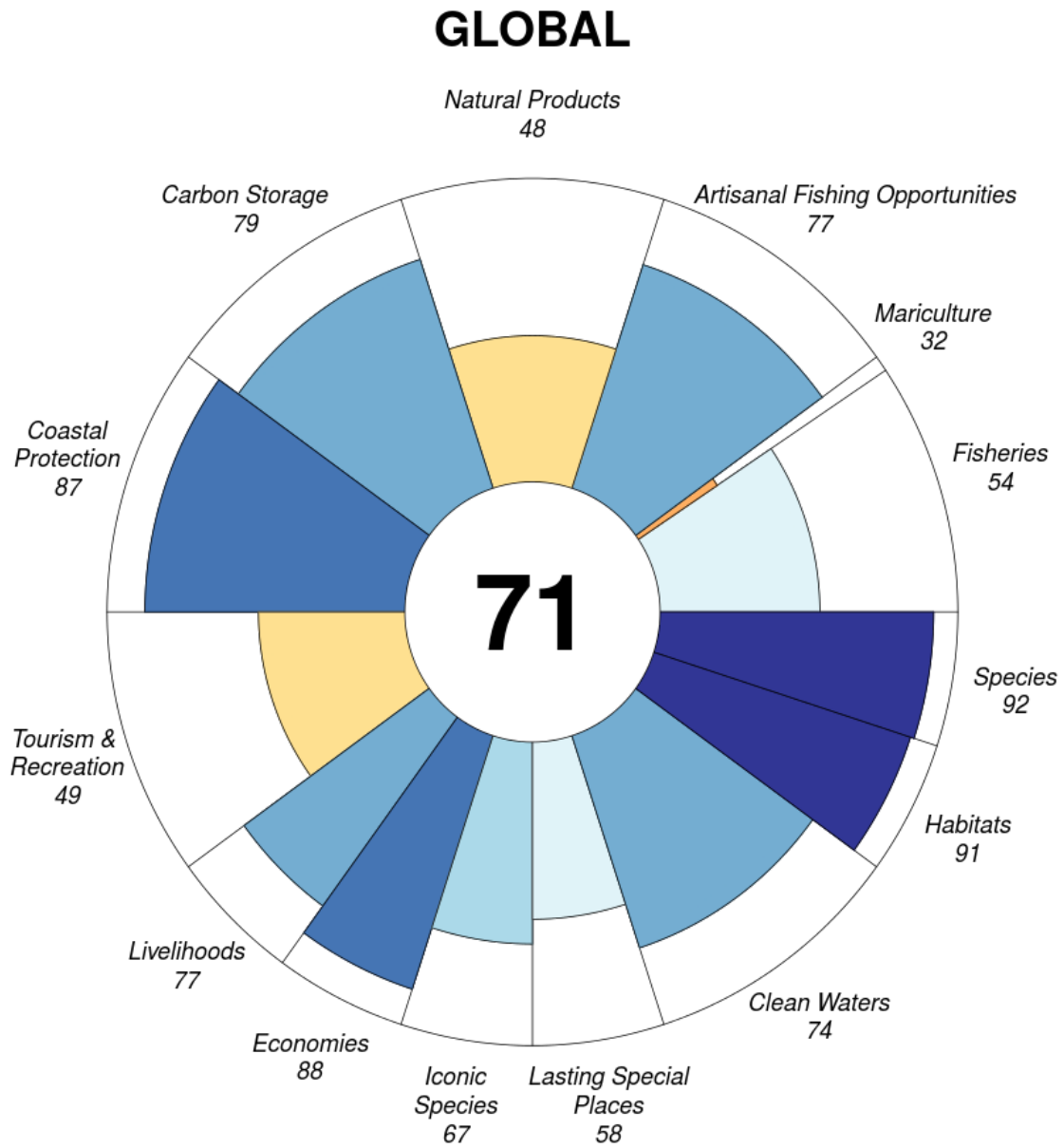


Figure 1: OHI 2016 Global Assessment Flower Plot

Pressures: Of the pressures data sets, 16 of the 20 pressure data layers were updated. Additional years of data for 7 pressures layers were added, and there were major improvements to source data for fisheries related pressures and sea level rise. Data from the Social Progress Index (<http://www.socialprogressimperative.org/global-index/>) was included as a “social” component of the pressure scores. **Resilience:** We restructured the resilience data within the OHI, so the data and calculations are more transparent and easier to understand and update. Data from the Social Progress Index (<http://www.socialprogressimperative.org/global-index/>) was added as a “social” component of resilience scores. Only two resilience data layers were updated: species condition and marine protected areas.

For detailed explanation of methods visit: <http://www.oceanhealthindex.org/methodology>

Tanzania’s Results

The 2016 Index score for Tanzania is of 69. Ranking 98 out of 221 countries and territories assessed.

2012-2016 Scores for Tanzania Using 2016 Methods

goal	2012	2013	2014	2015	2016
Index	68	68	69	69	69
Artisanal Fishing Opportunity	65	65	65	65	65
Species	86	86	86	86	86
Biodiversity	82	82	82	82	82
Habitats	79	78	78	78	78
Coastal Protection	68	68	68	68	68
Carbon Storage	84	84	84	84	84
Clean Waters	48	51	51	54	55
Coastal Economies	100	100	100	100	100
Livelihoods and Economies	100	100	100	100	100
Coastal Livelihoods	100	100	100	100	100
Wild Caught Fisheries	60	62	65	65	68
Food Provision	60	62	65	65	67
Mariculture	0	0	0	0	0
Iconic Species	63	64	64	64	63
Sense of Place	81	82	82	82	81
Lasting Special Places	100	100	100	100	100
Natural Products	70	68	68	69	66
Tourism and Recreation	21	21	22	23	21

Improving scores

- Wild Caught Fisheries score increased by 3 points and Food Provision improved 2 points

Declining scores

- Sense of Place decreased by 1 point
- Tourism and recreation declined by 2 points
- Natural products decreased by 3 points

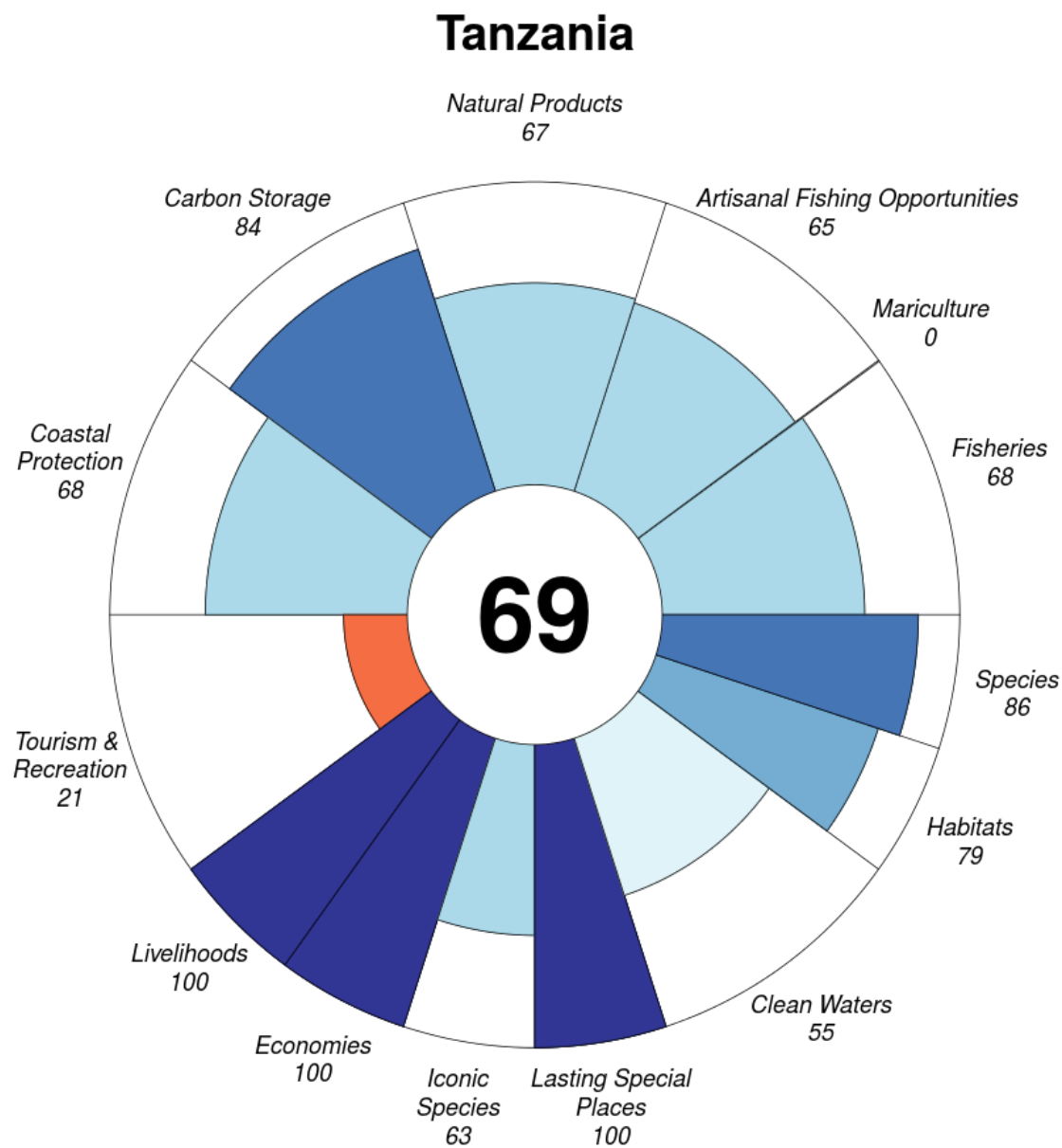


Figure 2: OHI 2016 Global Assessment: Tanzania's Flower Plot

Explanation of Tanzania's scores

The overall score for Tanzania is 69, which is unchanged from 2015. There were slight increases for some goals and slight decreases for others, which contributes to the balance and unchanged score. The score of 0 for Mariculture reflects no production of farmed seafood per coastal inhabitant.

For a detailed summary of Country results visit: <http://www.oceanhealthindex.org/region-scores/scores/tanzania>