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2016 Ocean Health Index Global Assessment: Colombia Profile

This document provides a brief summary of the results for Colombia 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).

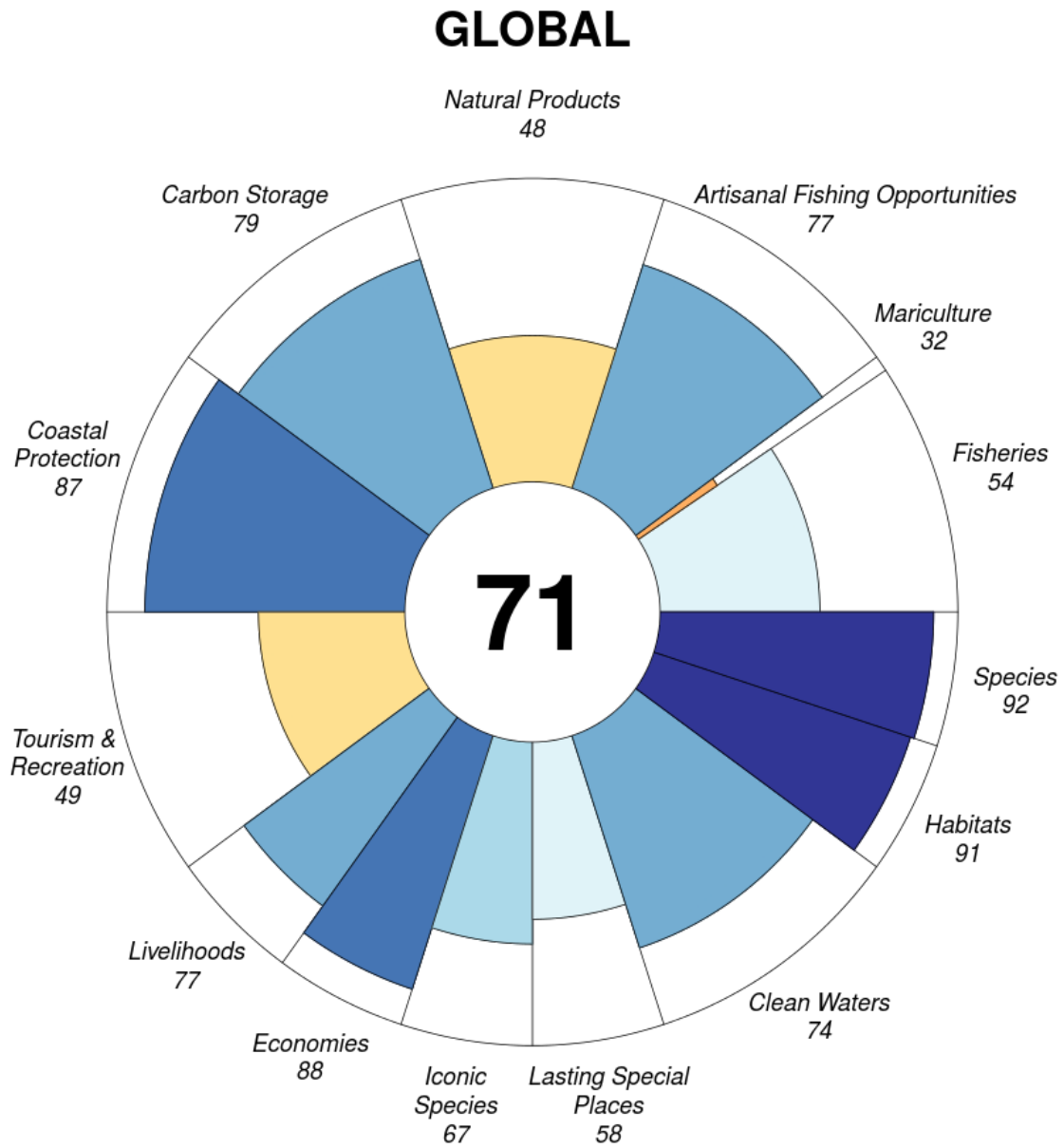


Figure 1: OHI 2016 Global Assessment Flower Plot

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>

Colombia’s Results

The 2016 Index score for Colombia is of 60. Ranking 178 out of 221 countries and territories assessed.

2012-2016 Scores for Colombia Using 2016 Methods

goal	2012	2013	2014	2015	2016
Index	63	62	61	61	60
Artisanal Fishing Opportunity	67	68	68	69	69
Species	94	94	94	94	94
Biodiversity	80	80	80	80	80
Habitats	66	66	66	66	66
Coastal Protection	81	81	81	81	81
Carbon Storage	71	71	71	71	71
Clean Waters	63	62	60	60	62
Coastal Economies	98	100	100	100	100
Livelihoods and Economies	79	80	80	80	80
Coastal Livelihoods	60	60	60	60	60
Wild Caught Fisheries	40	38	36	35	34
Food Provision	34	35	33	33	32
Mariculture	4	3	2	2	1
Iconic Species	68	69	69	70	68
Sense of Place	62	63	63	64	63
Lasting Special Places	56	56	57	59	59
Natural Products	69	62	56	53	41
Tourism and Recreation	22	20	19	19	19

Improving scores

- Clean waters score increased by 2 points

Declining scores

- Wild Caught Fisheries, Mariculture, Sense of Place decreased by 1 point each
- Iconic species declined by 2 points
- Natural products decreased by 12 points

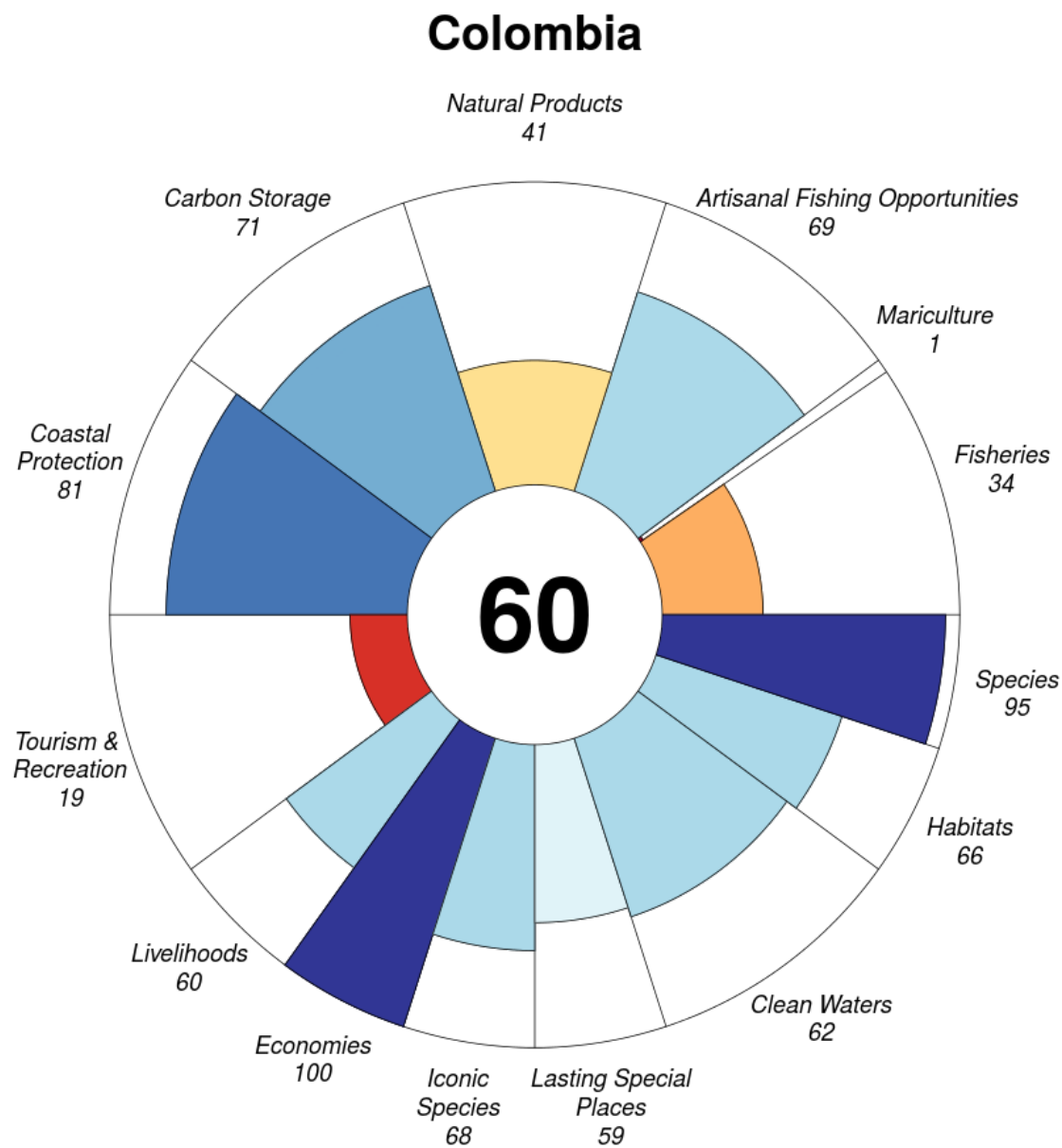


Figure 2: OHI 2016 Global Assessment: Colombia's Flower Plot

Explanation of Colombia's scores

The overall score for Colombia is 60, which is 1 point lower than in 2015. This is mostly due to a significantly lower score in Natural Products. The score for this goal decreased the most due to a decrease of 33% in the harvest of ornamental products, according to FAO data. Since this goal uses a maximum sustainable yield reference point, underharvesting of resources is penalized.

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