

# Contents

<b>2016 Ocean Health Index Global Assessment: Fiji Profile</b>	<b>1</b>
Global results . . . . .	1
Methods and dataset updates . . . . .	1
Fiji's Results . . . . .	3

## 2016 Ocean Health Index Global Assessment: Fiji Profile

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

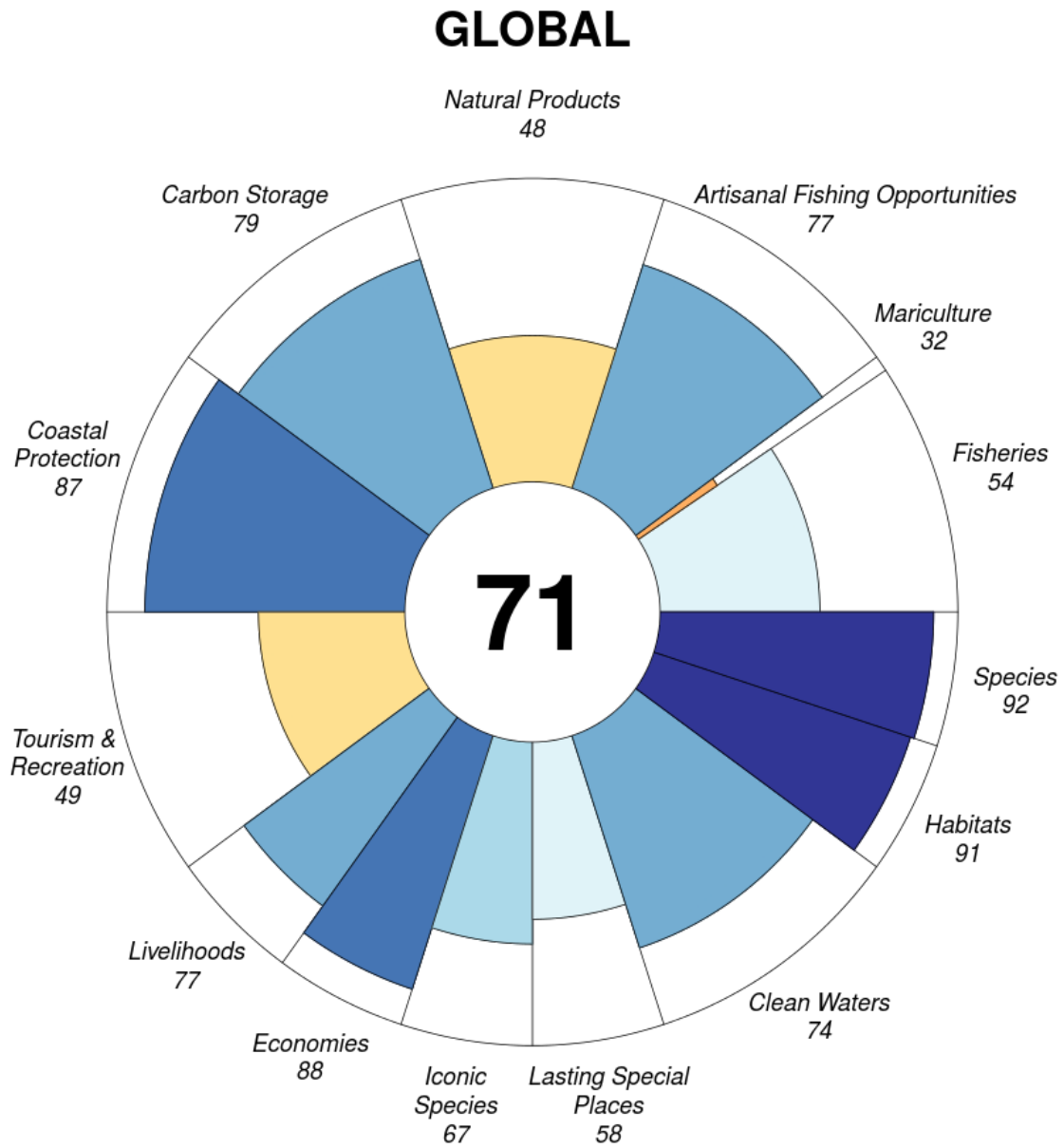


Figure 1: OHI 2016 Global Assessment Flower Plot

**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>

## Fiji’s Results

The 2016 Index score for Fiji is of 71. Ranking 178 out of 221 countries and territories assessed.

### 2012-2016 Scores for Fiji Using 2016 Methods

goal	2012	2013	2014	2015	2016
Index	70	71	70	71	71
Artisanal Fishing Opportunity	52	52	53	54	55
Species	86	86	86	86	86
Biodiversity	86	86	86	86	87
Habitats	87	87	87	87	88
Coastal Protection	98	98	98	98	99
Carbon Storage	67	68	68	68	68
Clean Waters	78	81	72	75	70
Coastal Economies	70	80	80	81	81
Livelihoods and Economies	62	67	67	67	68
Coastal Livelihoods	54	53	53	53	54
Wild Caught Fisheries	47	47	48	48	52
Food Provision	47	47	48	48	52
Mariculture	0	0	0	0	0
Iconic Species	57	59	59	60	59
Sense of Place	68	69	69	69	69
Lasting Special Places	78	78	78	78	79
Natural Products	46	48	43	42	44
Tourism and Recreation	100	100	100	100	100

### Improving scores

- Artisanal fishing opportunity, biodiversity, habitats, coastal protection, livelihoods and economies, and lasting special places scores increased by 1 point each
- Natural products and wild caught fisheries scores increased by 2 points each

### Declining scores

- Clean waters decreased by 5 points
- Iconic species declined by 1 point

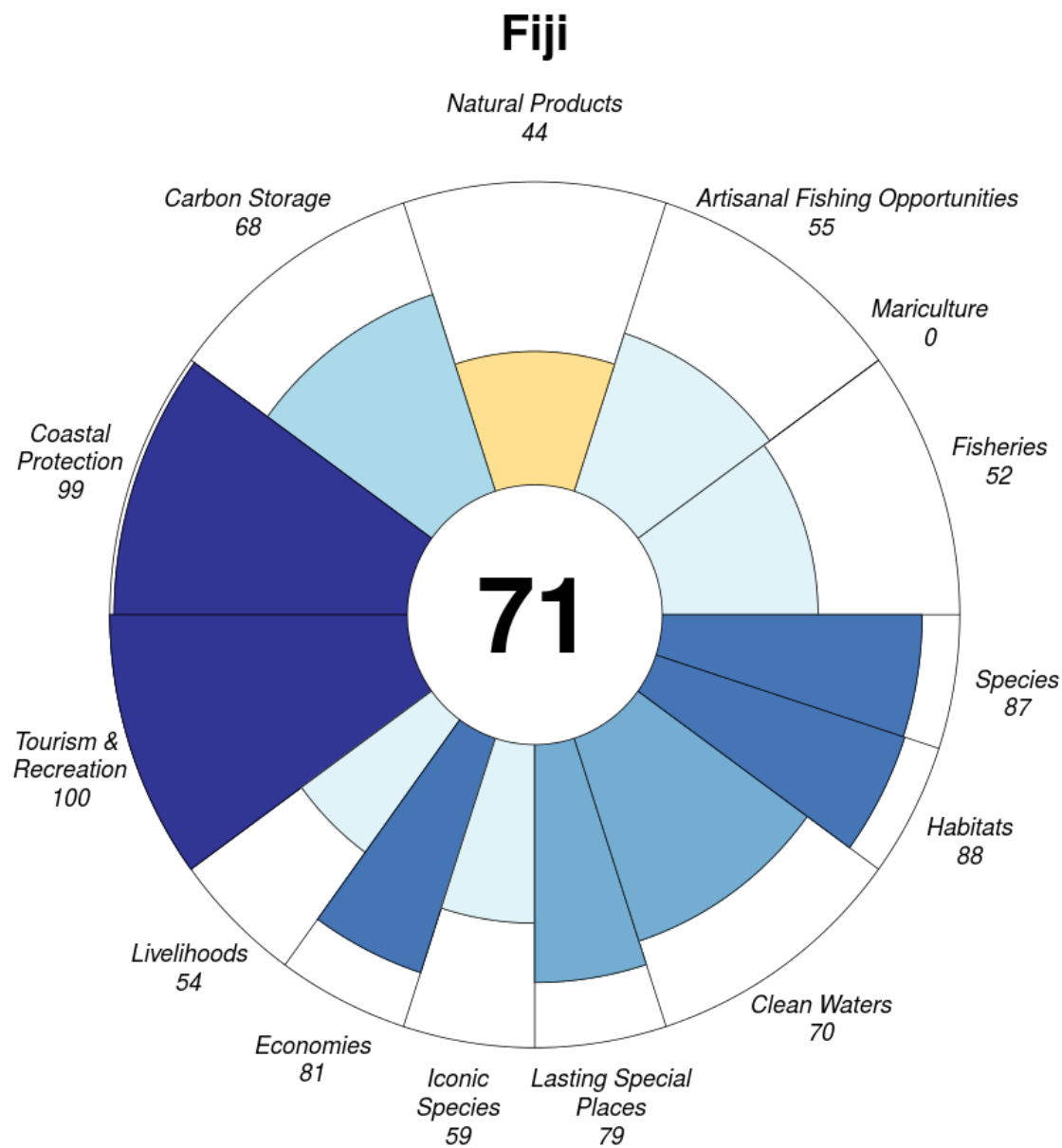


Figure 2: OHI 2016 Global Assessment: Fiji's Flower Plot

### **Explanation of Fiji's scores**

The overall score for Fiji is 71, which is unchanged from 2015. Even though Fiji made minor improvements across many goals, which is a good sign, the clean waters goal decreased by 5 points. This is primarily due to increases in marine pollution, particularly trash and pathogens. Clean waters is strongly correlated to the health of other goals, which means that low scores in this goal depress the scores of other goals.

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