# SO4-1 Trends in carbon stocks above and below ground

## Soil organic carbon stocks

Trends in carbon stocks above and below ground is a multi-purpose indicator used to measure progress towards both strategic objectives 1 and 4.

Quantitative data and a qualitative assessment of trends in this indicator are reported under strategic objective 1, progress indicator SO1-3.

# SO4-2 Trends in abundance and distribution of selected species

## Red List Index

This indicator uses the Red List Index (RLI) as a metric. The RLI is Sustainable Development Goal (SDG) indicator 15.5.1. The RLI value ranges from 0 (all species in the country are classified as extinct) to 1 (all species in the country are classified as least concern; biodiversity loss has been halted). Various disaggregations are also available through the “advanced search” on the [Red List website](https://www.iucnredlist.org/search).

**SO4-2.T1: National estimates of the Red List Index of species survival**

Report the Red List Index (RLI) for your country in the table below. This table is pre-filled from the SDG database, including the national level index value as well as the upper and lower bounds of uncertainty around the national estimate. If a customized RLI value has been produced using the “advanced search” on the Red List website, report the number here and any uncertainty bounds. Use the comment box to describe how the RLI value was disaggregated using the Red List website.

| Year  | Red List Index  | Lower Bound  | Upper Bound  | Comment  |  |
| --- | --- | --- | --- | --- | --- |
| 2000  |  |  |  |  |  |
| 2001  |  |  |  |  |  |
| 2002  |  |  |  |  |  |
| 2003  |  |  |  |  |  |
| 2004  |  |  |  |  |  |
| 2005  |  |  |  |  |  |
| 2006  |  |  |  |  |  |
| 2007  |  |  |  |  |  |
| 2008  |  |  |  |  |  |
| 2009  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| 2010  |  |  |  |  |  |
| 2011  |  |  |  |  |  |
| 2012  |  |  |  |  |  |
| 2013  |  |  |  |  |  |
| 2014  |  |  |  |  |  |
| 2015  |  |  |  |  |  |
| 2016  |  |  |  |  |  |
| 2017  |  |  |  |  |  |
| 2018  |  |  |  |  |  |
| 2019  |  |  |  |  |  |
| 2020  |  |  |  |  |  |

## Qualitative assessment

### SO4-2.T2: Interpretation of the indicator

### Based on the quantitative data, describe the most significant negative or positive changes in the indicator as well as their direct and/or indirect drivers. While it may be difficult to attribute specific casual factors to changes in RLI, countries are encouraged to indicate which direct and/or indirect drivers are presumably behind the negative changes or downward trends in the RLI. To reverse negative trends, countries should select the levers they are using to bring about positive and transformative change. Likewise, countries are encouraged to comment on the responses that have led to positive or upward RLI trends. Any deviation from the guidance provided should be reported and justified in the ‘comment’ column of the reporting table.

| **Change in the indicator**  | **Drivers: Direct (Choose one or more items)**  | **Drivers: Indirect (Choose one or more items)**  | **Which levers are being used to reverse negative trends and enable transformative change?**  | **Responses that led to positive RLI trends**  | **Comments**  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Negative  | 1. Land-use change
2. Overexploitation
3. Climate change
4. Pollution
5. Invasive alien species
 | 1. Production and Consumption Patterns
2. Human Population Dynamics and Trends
3. Trade
4. Technological Innovations
5. Local to Global Governance
 | 1. Incentives and Capacity Building
2. Cross-Sectoral Cooperation
3. Pre-Emptive Action
4. Decision-making in the Context of Resilience and Uncertainty
5. Environmental Law and Implementation
 |  |  |  |
| Positive  |  |  |  | 1. Land / Water Management
2. Species Management
3. Awareness Raising
4. Law Enforcement & Prosecution
5. Livelihood, Economic & Moral Incentives
6. Conservation Designation & Planning
7. Legal & Policy Frameworks
8. Research & Monitoring
9. Education & Training
10. Institutional Development
 |  |  |
|  |
|  |

# SO4-3 Trends in protected area coverage of important biodiversity areas

## Average proportion of Terrestrial Key Biodiversity Areas covered by protected areas

This indicator uses the average proportion of Terrestrial Key Biodiversity Areas (KBAs) covered by protected areas as a metric. The average proportion of Terrestrial KBAs covered by protected areas is Sustainable Development Goal (SDG) indicator 15.1.2 (b).

**SO4-3.T1: National estimates of the average proportion of Terrestrial KBAs covered by protected areas (%)**

Report the average proportion of Terrestrial KBAs covered by protected areas for your country in the table below. This table is pre-filled from the SDG database, including the national level value as well as the upper and lower bounds of uncertainty around the national estimate. Any deviation from the guidance provided should be reported and justified in the ‘comment’ column of the reporting table.

| Year  | Protected Area Coverage (%)  | Lower Bound  | Upper Bound  | Comments  |  |
| --- | --- | --- | --- | --- | --- |
| 2000  |  |  |  |  |  |
| 2001  |  |  |  |  |  |
| 2002  |  |  |  |  |  |
| 2003  |  |  |  |  |  |
| 2004  |  |  |  |  |  |
| 2005  |  |  |  |  |  |
| 2006  |  |  |  |  |  |
| 2007  |  |  |  |  |  |
| 2008  |  |  |  |  |  |
| 2009  |  |  |  |  |  |
| 2010  |  |  |  |  |  |
| 2011  |  |  |  |  |  |
| 2012  |  |  |  |  |  |
| 2013  |  |  |  |  |  |
| 2014  |  |  |  |  |  |
| 2015  |  |  |  |  |  |
| 2016  |  |  |  |  |  |
| 2017  |  |  |  |  |  |
| 2018  |  |  |  |  |  |
| 2019  |  |  |  |  |  |
| 2020  |  |  |  |  |  |

## Qualitative assessment

### SO4-3.T2: Interpretation of the indicator

Based on the quantitative data, please leave comments on its interpretation, including the direction in which the indicator changes. While it may be difficult to attribute specific causal factors to changes in the indicator, countries are encouraged to indicate which direct and/or indirect drivers are presumably behind the observed changes using the comments box in the table below.

| Qualitative Assessment  | Comment  |  |
| --- | --- | --- |
| Increasing  |  |  |
| Decreasing  |  |  |
| No Change  |  |  |
|  |
|  |

# SO4 Voluntary Targets

### SO4.VT.T1: SO4 voluntary targets

List any target that your country has set relevant to strategic objective 4 and indicate the expected year of achievement and level of application (i.e. national, subnational).

| Target  | Year  | Level of application  |  |
| --- | --- | --- | --- |
|  |  | National  |  |
|  |  | Subnational  |  |
|  |
|  |

### Complementary information

Provide any complementary information you deem relevant including any documentary information (with metadata) in the space provided in the PRAIS portal.