

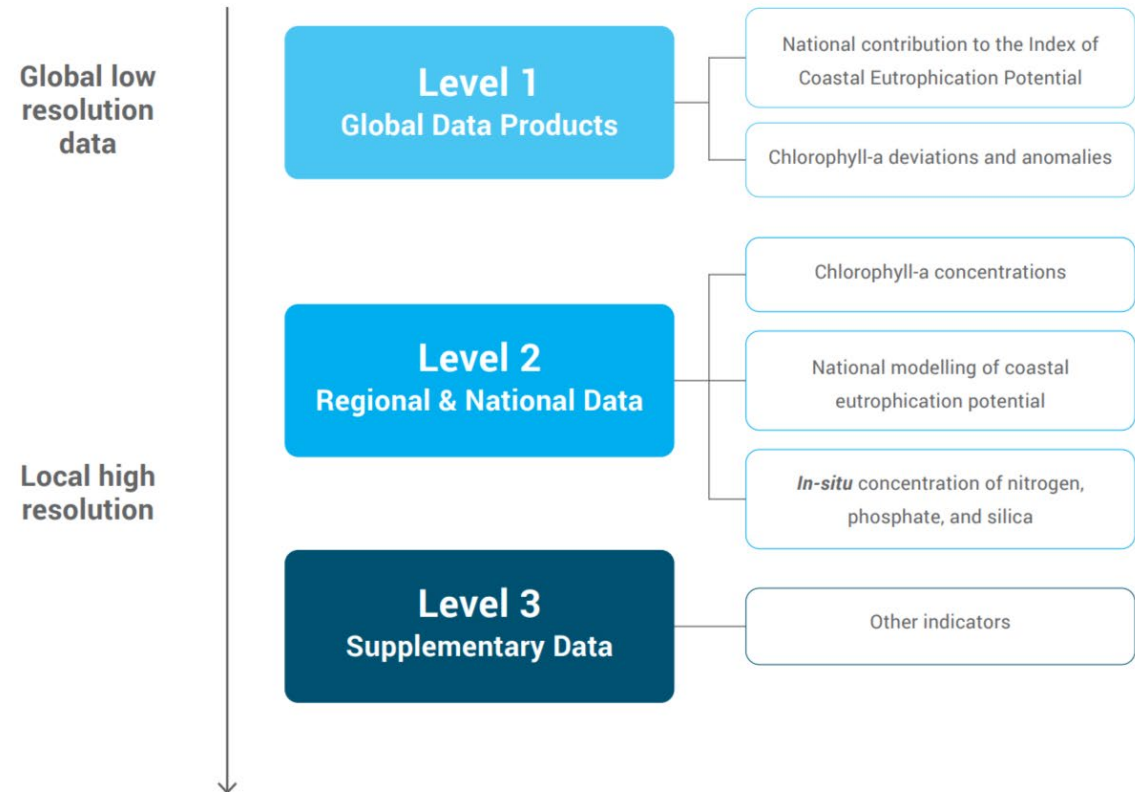
Data collection on SDG 14.1.1 on the Index of Coastal Eutrophication and Marine plastic debris

Session 2: Impact of anthropogenic and natural processes on freshwater and marine ecosystems

Global Webinar on Geospatial and Other Data Sources for Environment Statistics: Assessing the Impact of the Economy on the Environment

Indicator Levels

Two levels of indicators are recommended with an optional third level for relevant countries

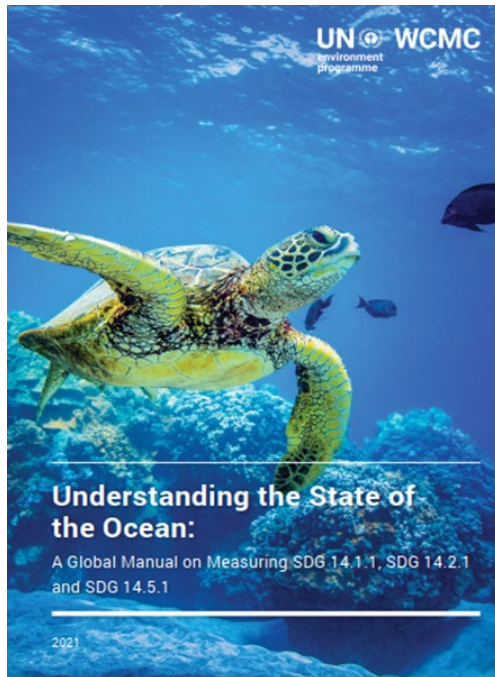


SDG 14.1.1a Index of Coastal Eutrophication

Monitoring parameters	Level 1	Level 2	Level 3	Reporting Frequency
Indicator for Coastal Eutrophication Potential (N and P loading)	X			Five years
Chlorophyll-a deviations (remote sensing)	X			Annual
Chlorophyll-a concentration (<i>remote sensing and in situ</i>)		X		4 years (aligned with Regional Seas)
National modelling of indicator for Coastal Eutrophication Potential (ICEP)		X		
Total Nitrogen of DIN (dissolved inorganic nitrogen)		X		
Total Phosphorus or DIP (dissolved inorganic phosphorus)		X		
Total silica		X		
Dissolved oxygen			X	NA
Biological/chemical oxygen demand (BOD/COD)			X	NA
Total organic carbon (TOC)			X	NA
Turbidity (remote sensing)			X	NA
River parameters from SDG 6.3.2			X	NA
Other water parameters (O₂ % saturation, Secchi depth, river discharge, salinity, temperature, pH, alkalinity, organic carbon, toxic metals, persistent organic pollutants)			X	NA
Microalgal growth, harmful algal blooms, submerged aquatic vegetation coverage, biodiversity, and hypoxia			X	NA

- ✓ Level 1 being **global data or globally modelled**,
- ✓ Level 2 including **national monitoring** and
- ✓ Level 3 describing **supplementary/recommended** indicators

Methodology



United Nations » Department of Economic and Social Affairs » Statistics Division

 SUSTAINABLE DEVELOPMENT GOALS

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SDG Indicators

Metadata repository

The metadata available in this repository is a work in progress. It reflects the latest referenc and other international organizations on data and statistics for the Tier I and II indicators in be further updated and periodically reviewed in cooperation with the respective data compil

- [Download the complete set of metadata for indicators \(as of January 2022\)](#)

In addition:

- [Official list of Global Sustainable Development Goal indicators](#)
- [Tier Classification for Global SDG Indicators](#)
- [Previous Work Plans for Tier III Indicators \(archive\)](#)
- [Metadata for initially proposed indicators \(archive\)](#)
- [Latest news](#)

Please send your feedback and suggestions for improvements to statistics@un.org.

[Understanding the State of the Ocean: A Global Manual on Measuring SDG 14.1.1, SDG 14.2.1 and SDG 14.5.1 \(UNEP, 2021\)](#)

[Metadata repository for 14.1.1](#)

Data availability for SDG 14.1.1a – Level 1

Data availability, as of April 2023

Data are available for all countries in the world for which this indicator is applicable, and these are updated on an ongoing basis in the [UN SDG Indicators Database](#) :

- **Chlorophyll-a deviations**, remote sensing (%) for 2005-2022; global, regional and national scales
- **Chlorophyll-a anomaly**, remote sensing (%) for 2018-2021; global, regional and national scales

For **ICEP**: final reporting will initiate in 2024

Data collection exercise 2023 – Level 2

At the end of 2022, **UNEP** developed a **QUESTIONNAIRE ON THE SUSTAINABLE USE OF THE OCEANS, SEAS and MARINE RESOURCES** to collect country data on **SDG indicators 14.1.1 and 14.2.1**

UNEP contacts the **Regional Seas Programme** to receive available country data on **SDG indicators 14.1.1 and 14.2.1**

UNEP, in collaboration with the **Regional Seas Programme**, identifies countries that do not report their data to **Regional Seas** / are not covered by **Regional Seas** and contacts them directly

UNEP analyzes the received data and prepares them for publication on various platforms (**Global SDG database, UNEP WESR**)

Thank you



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