

SDG Goal 14

Life below water

SDG Target 14.3

Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels

SDG Indicator 14.3.1

Average marine acidity (pH) measured at agreed suite of representative sampling stations

Time series

Average pH-concentration in the German Bight

1. General information on the time series

- Date of national metadata: 2 November 2023
- National data: <http://sdg-indicators.de/14-3-1/>
- Definition: The time series shows the average pH-concentration in the German Bight (North Sea) measured at representative sampling stations. The pH-values are measured near the surface (max. depth of 10m).
- Disaggregation: Not available.

2. Comparability with the global metadata

- Date of global metadata: August 2022
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-14-03-01.pdf>
- The time series is compliant with the global metadata.

3. Data description

- The time series is based on measurement data for individual sampling stations provided by the Federal Maritime and Hydrographic Agency (BSH).

4. Access to data source

- Not available.

5. Metadata on source data

- Condition of the North Sea (only available in German):
https://www.bsh.de/DE/PUBLIKATIONEN/Nordseezustand_Aktuell/nordseezustand_aktuell_node.html

6. Timeliness and frequency

- Timeliness: t + 12 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: pH-value
- Calculation:

Individual data points for pH are measured directly. Average pH is defined as the annual equally weighed mean of multiple data points at representative sampling stations.