

## 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 UN metadata

- Date of UN metadata: December 2023
- UN metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-14-03-01.pdf>
- The time series is compliant with the UN 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](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.