

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: 21 October 2021
- National data: <http://sdg-indikatoren.de/en/14-3-1/>
- Definition: The time series shows the average pH-concentration in the German Bight (North Sea).
- Disaggregation: Not available.

2. Comparison with global metadata

- Date of global metadata: February 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-14-03-01.pdf>
- The time series is not compliant with the global metadata, but provides additional information. The global metadata request the measurement of at least two of four defined parameters. This time series only depicts the average pH-concentration.

3. Data description

- The time series depicts the pH-values at the surface of the water. Furthermore it shows only the average value in January of each year in order to eliminate seasonal differences.

4. Accessibility of source data

The time series is based on special evaluation by the Federal Maritime and Hydrographic Agency (BSH) (only available in German): https://www.bsh.de/DE/PUBLIKATIONEN/Nordseezustand_Aktuell/nordseezustand_aktuell_node.html

5. Metadata on source data

- The time series is based on special evaluation by the Federal Maritime and Hydrographic Agency (Bundesamt für Seeschifffahrt und Hydrographie - BSH) (only available in German): https://www.bsh.de/DE/PUBLIKATIONEN/Nordseezustand_Aktuell/nordseezustand_aktuell_node.html

6. Timeliness and frequency

- Timeliness: Not available.
- Frequency: Irregular

7. Calculation method

- Unit of measurement: pH-value
- Calculation method:

Average pH is defined as the annual equally weighed mean of multiple data points.