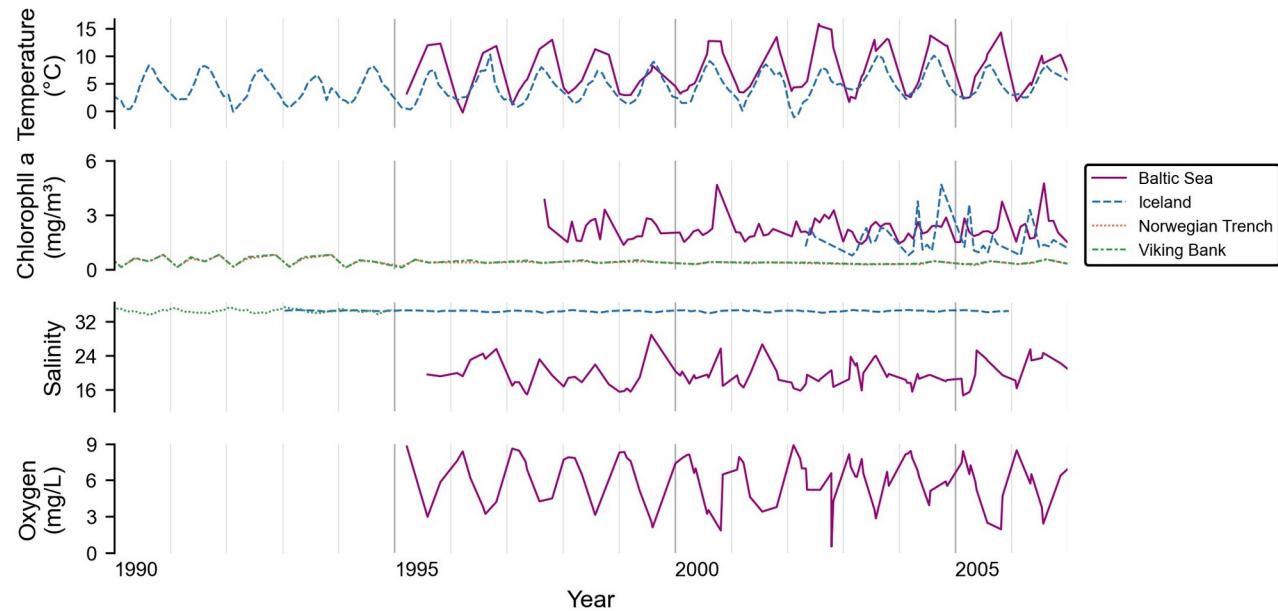


### *Supplementary Material 3 - Environmental time-series data*



**Figure 1.** Temperature, chlorophyll a, and salinity time series data acquired for this study. For the Norwegian Trench and the Viking Bank, only monthly average temperature data were available. Salinity data were missing for the Norwegian Trench and dissolved oxygen (DO) data could only be acquired for the Baltic Sea.

## Supplementary Material

**Table 1.** Sources of environmental data used in the study.

Locality	Temperature	Chlorophyll a	Salinity	DO
<b>Baltic Sea</b>	Station TF0012*	Station TF0012*	Station TF0012*	Station TF0012*
<b>Iceland</b>	(Hanna et al., 2006)	(Sathyendranath et al., 2019)		(Gaillard et al., 2016)
<b>Norwegian Trench</b>	(Boyer et al., 2020)	(Norwegian Marine Data Centre, 2019)		
<b>Viking Bank</b>	(Boyer et al., 2020)	(Norwegian Marine Data Centre, 2019)		(Gaillard et al., 2016)

\*operated by the Leibniz Institute for Baltic Sea Research Warnemünde (<https://odin2.iow-warnemuende.de/>; accessed 14 Jul 2021).

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