

Appendix I

Seasonal cycles from monthly and high frequency stations sampled in 2023.

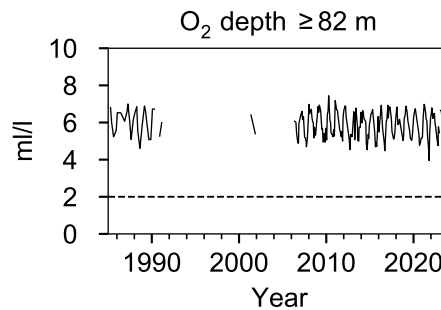
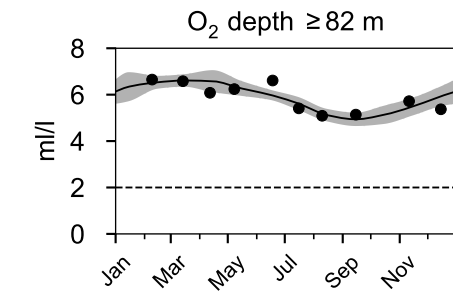
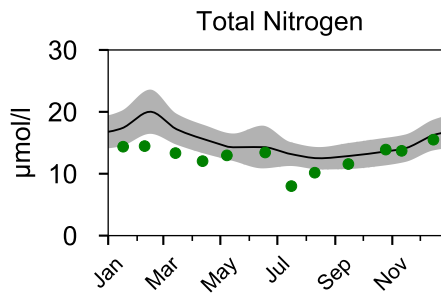
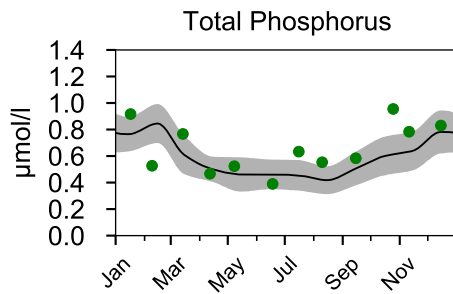
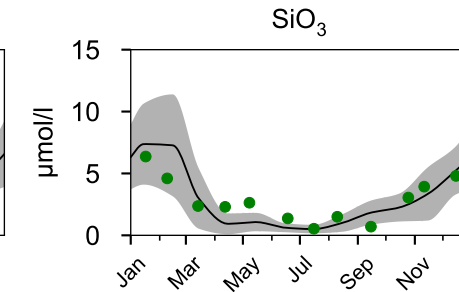
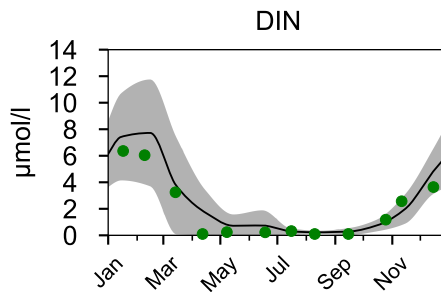
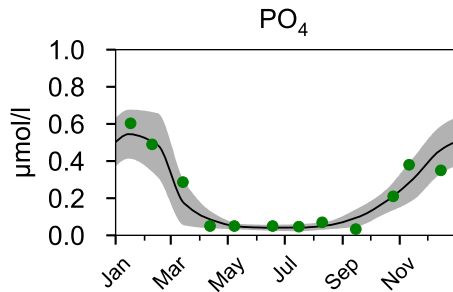
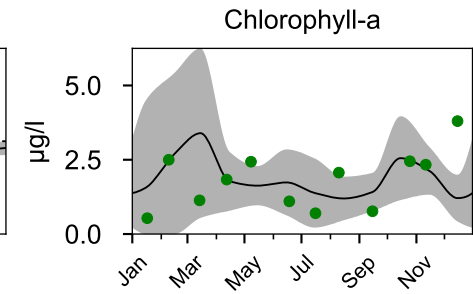
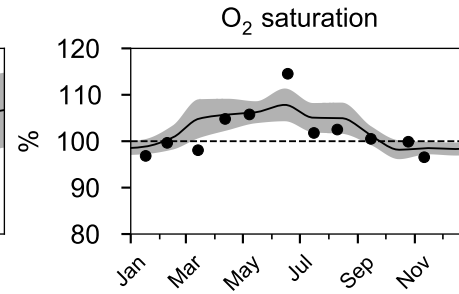
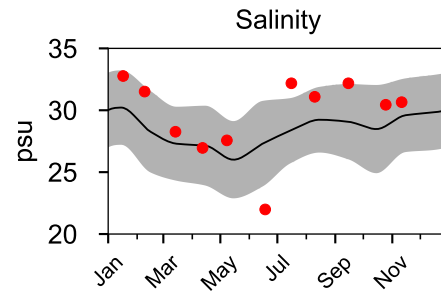
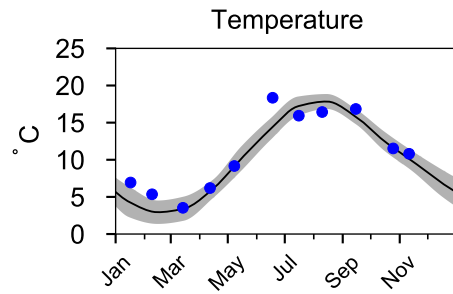
Surface water (0-10 m): Monthly measurements (dots) during 2023 are shown in relation to average value for the period 1991-2020 (black line) and +/- 1 standard deviation (grey area). Missing black line and grey area indicates that there are too few data in the period 1991-2020 to calculate statistics.

Included parameters are salinity, temperature, dissolved inorganic phosphorus (DIP), dissolved inorganic nitrogen (DIN; sum of ammonium, nitrate and nitrite), dissolved silica, total nitrogen, total phosphorus, chlorophyll, pH, alkalinity, humic substances, dissolved oxygen and oxygen saturation. Dissolved oxygen (including hydrogen sulphide expressed as negative oxygen) is presented for the bottom water.

Data for salinity and temperature is primarily from sensors on the CTD. Data for oxygen is only from water samples.

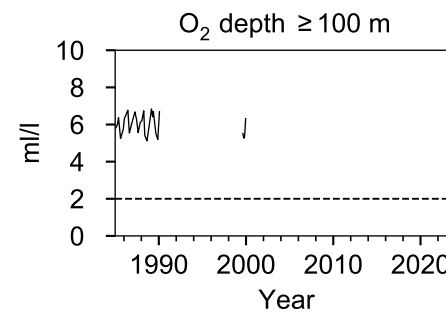
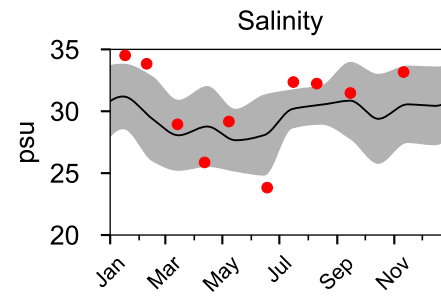
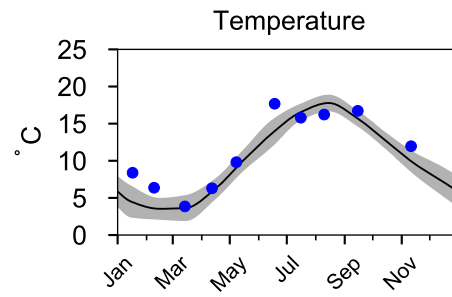
STATION A13 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



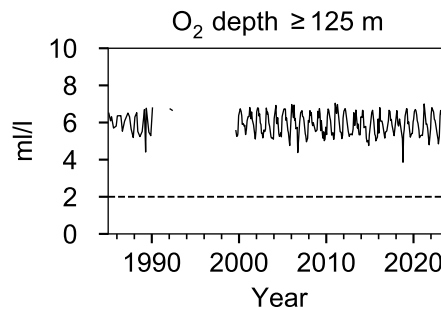
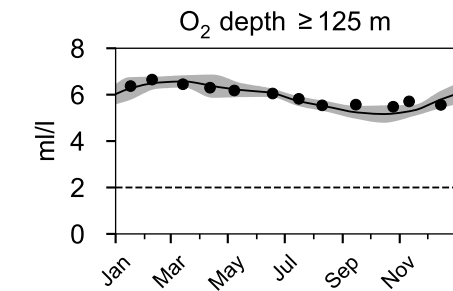
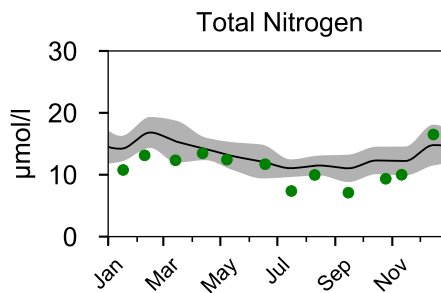
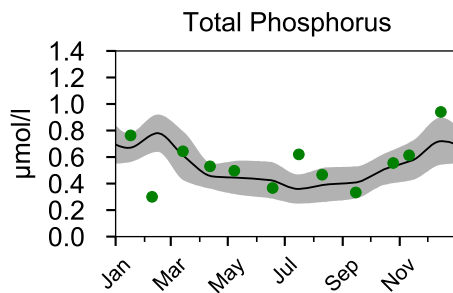
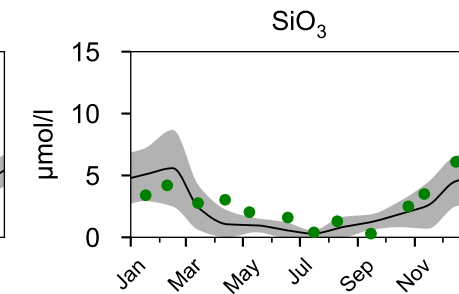
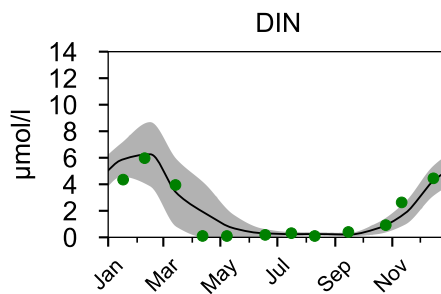
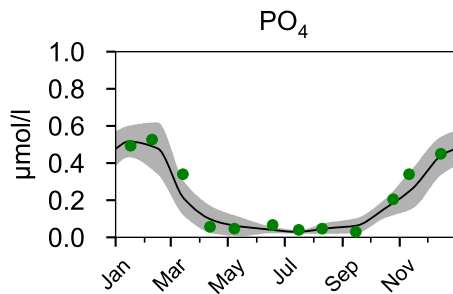
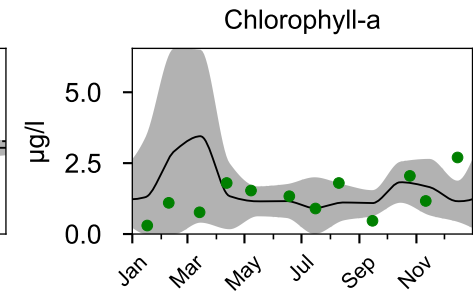
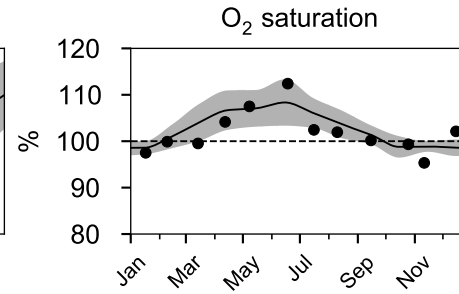
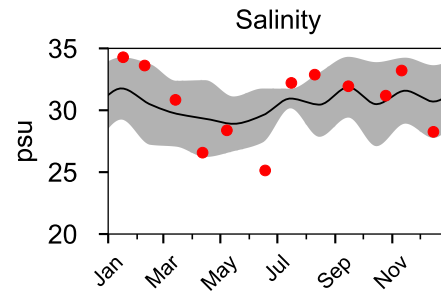
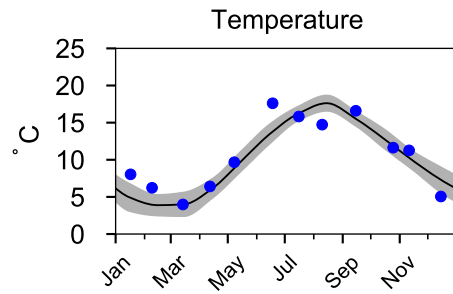
STATION Å14 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



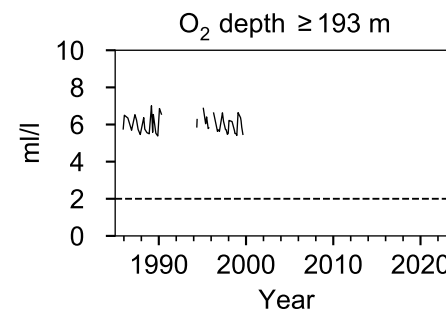
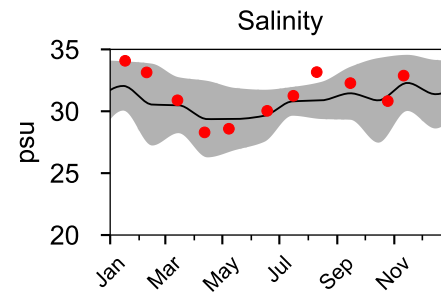
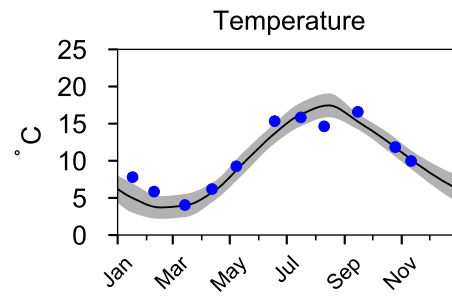
STATION Å15 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



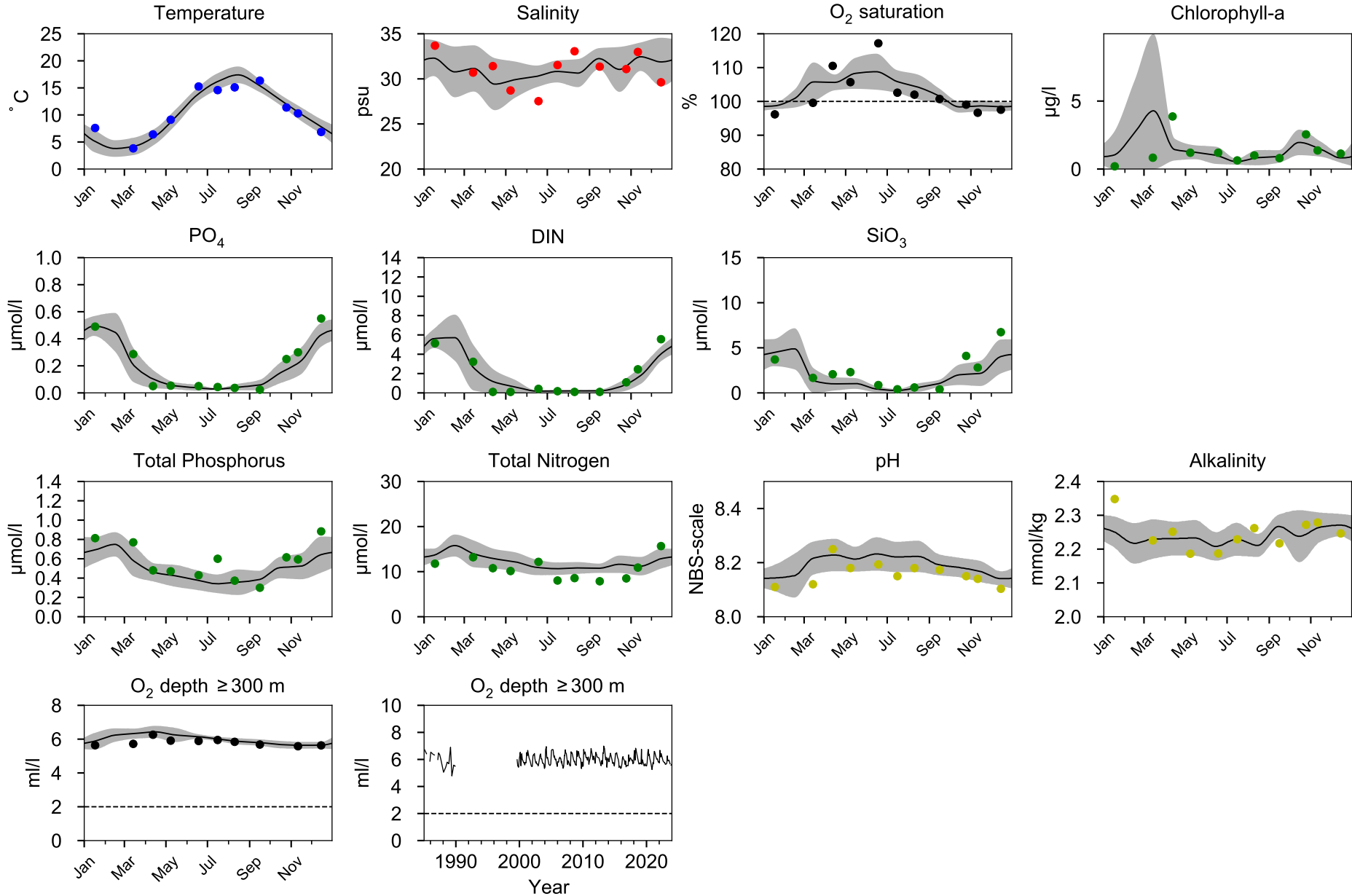
STATION Å16 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2023



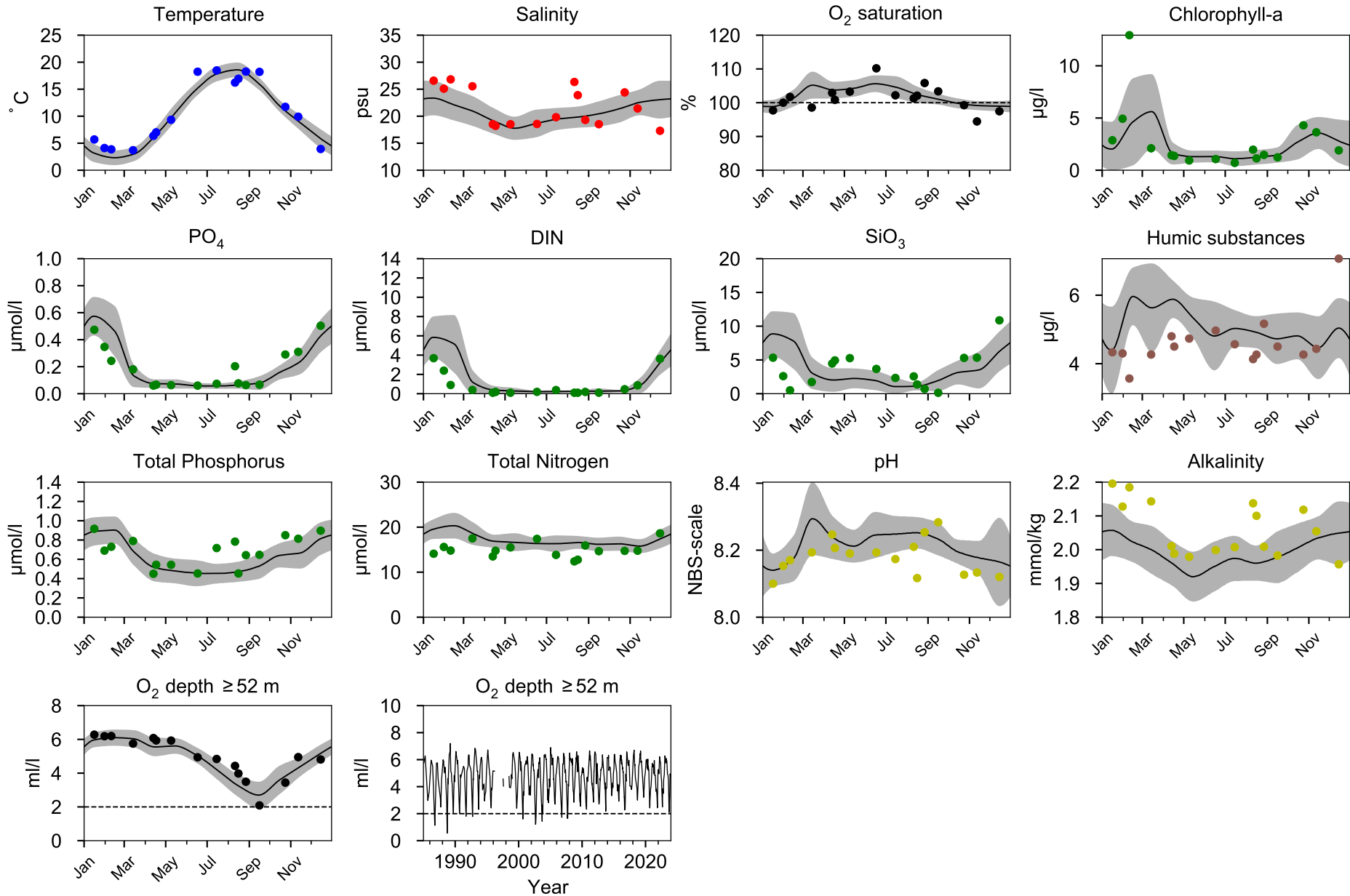
STATION A17 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



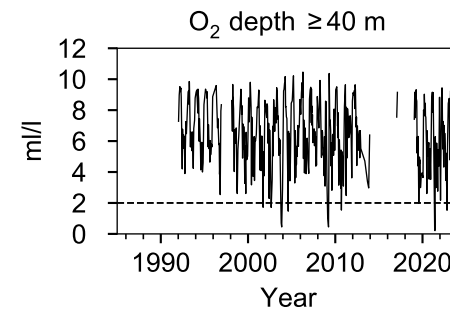
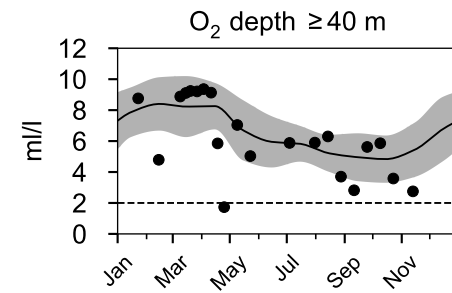
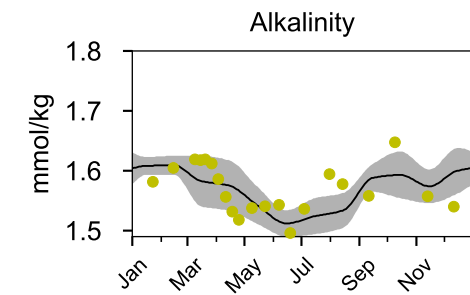
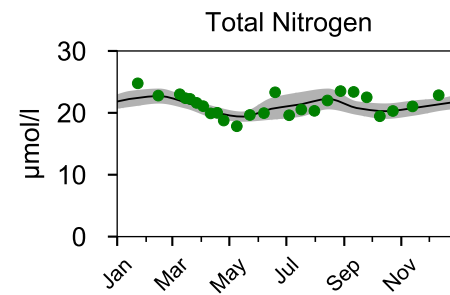
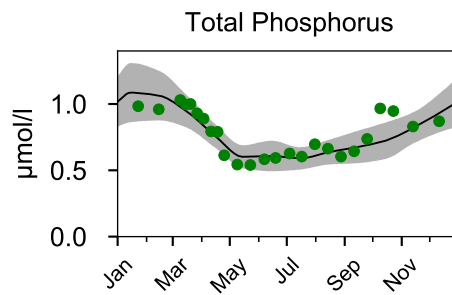
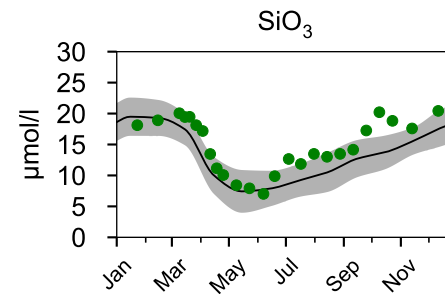
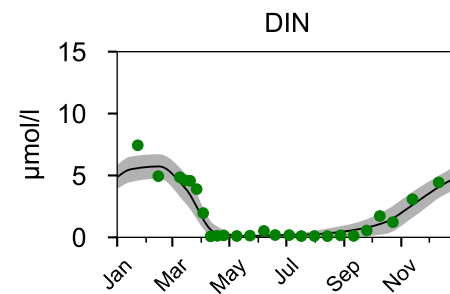
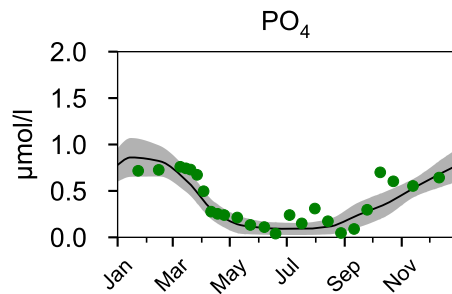
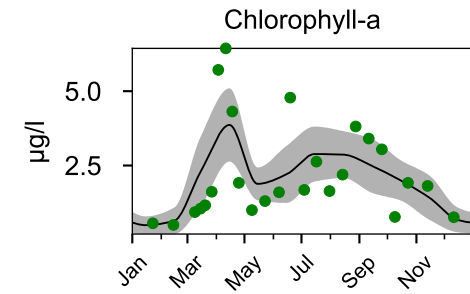
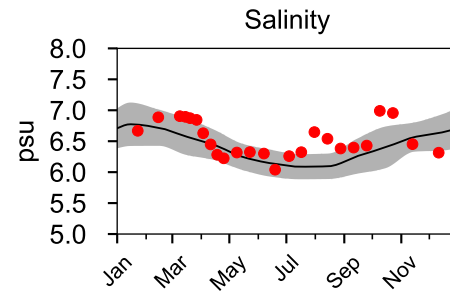
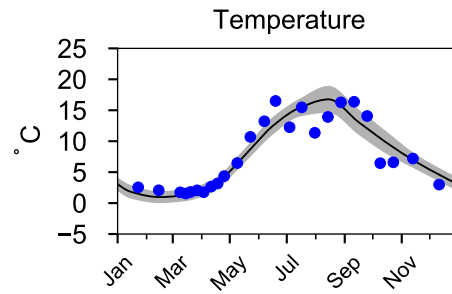
STATION ANHOLT E SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



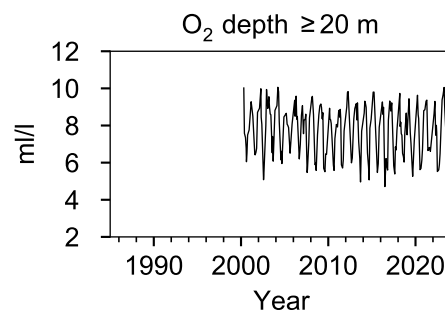
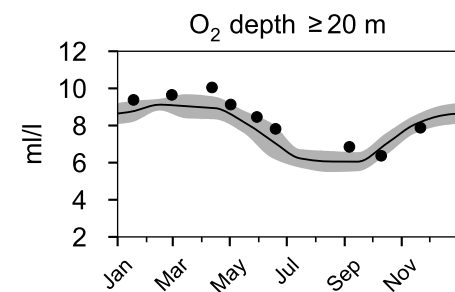
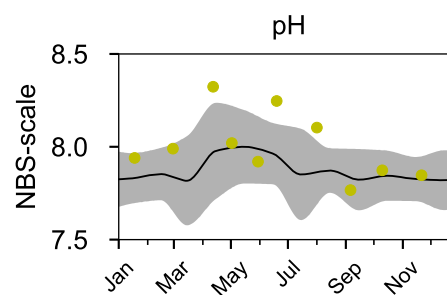
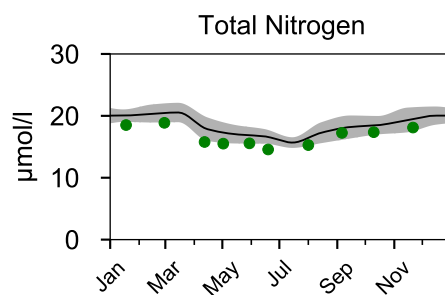
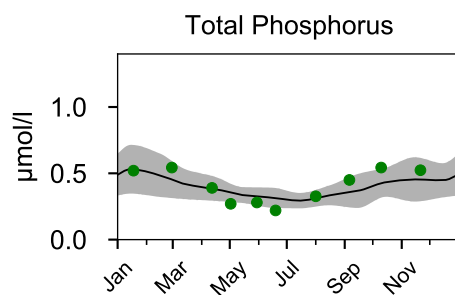
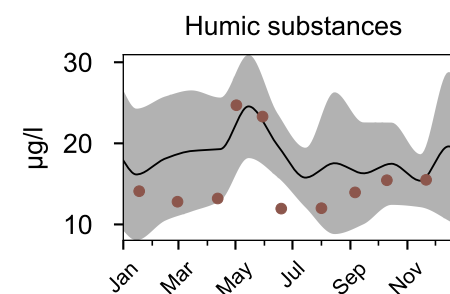
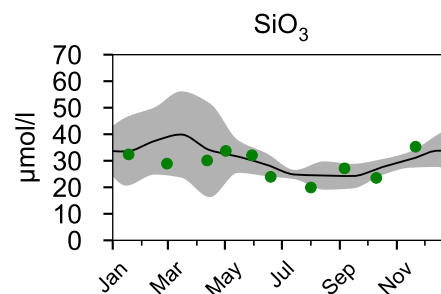
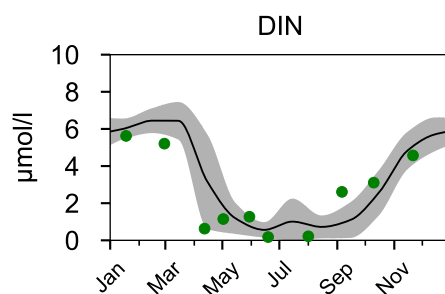
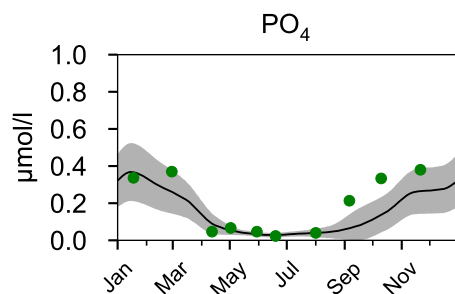
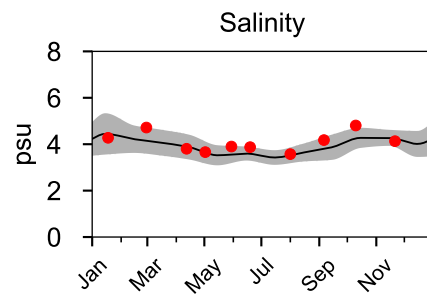
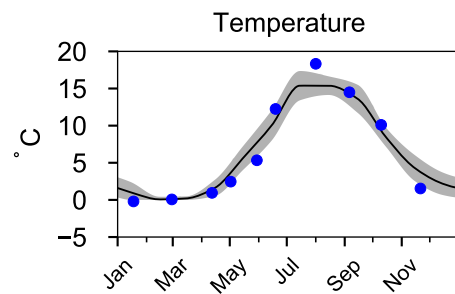
STATION B1 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



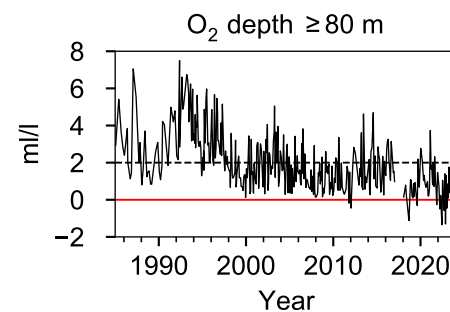
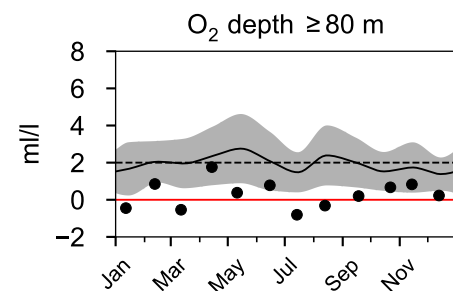
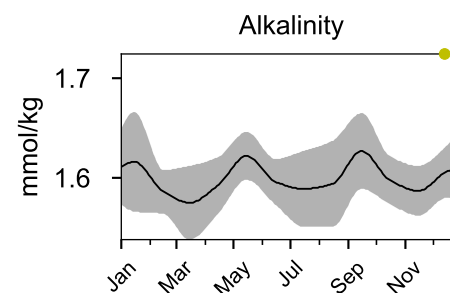
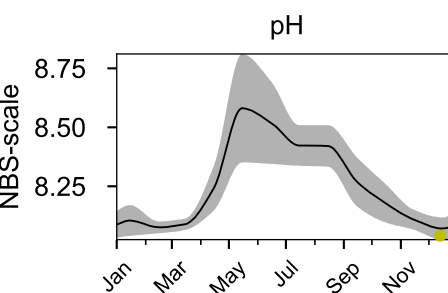
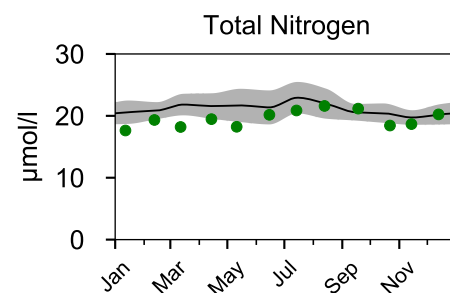
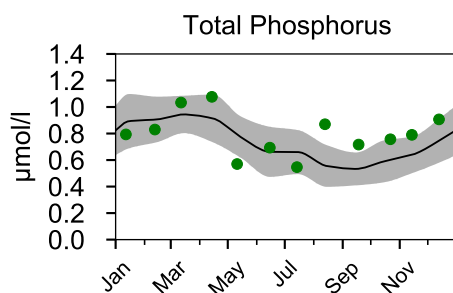
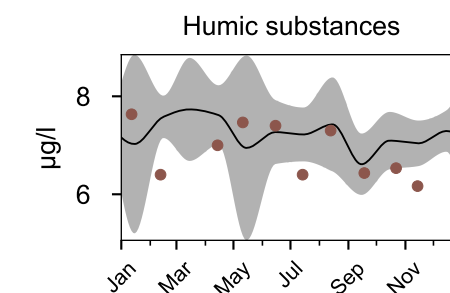
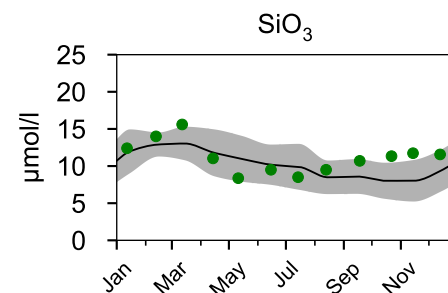
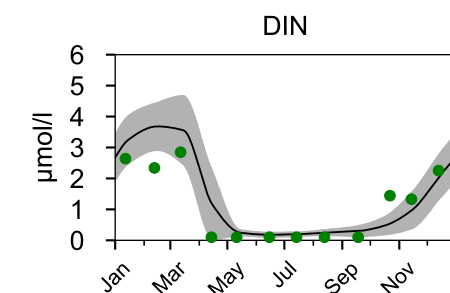
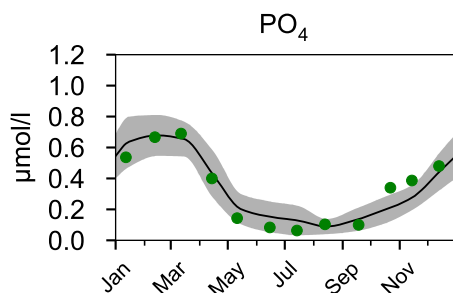
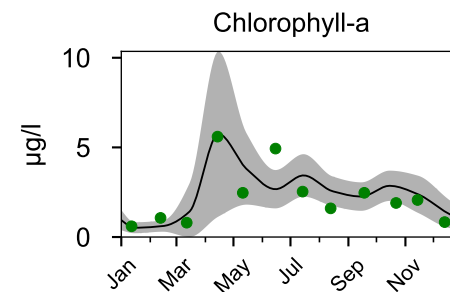
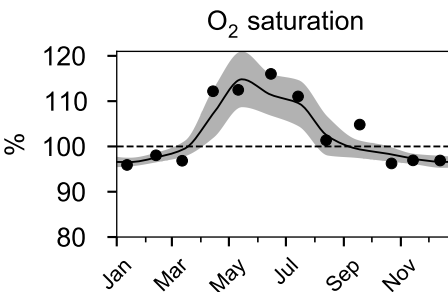
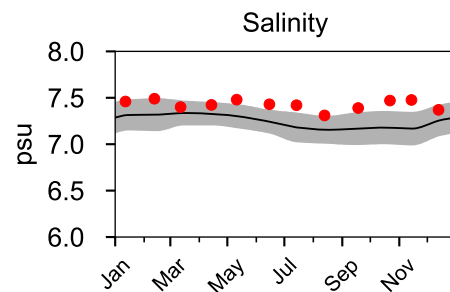
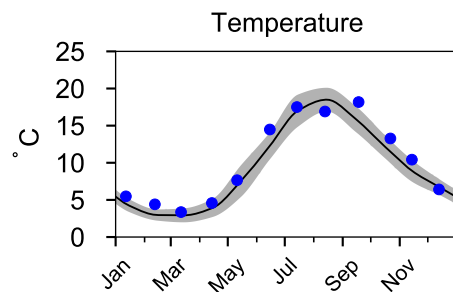
STATION B7 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2023



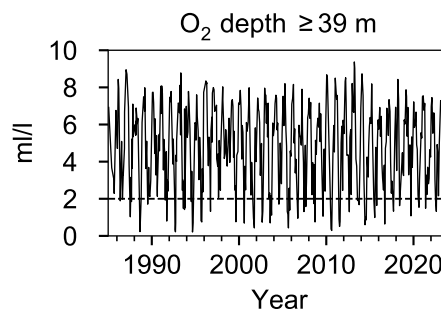
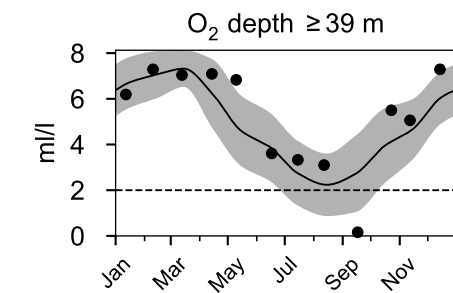
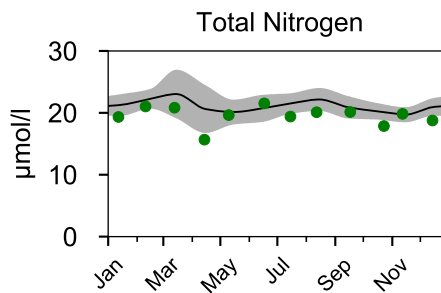
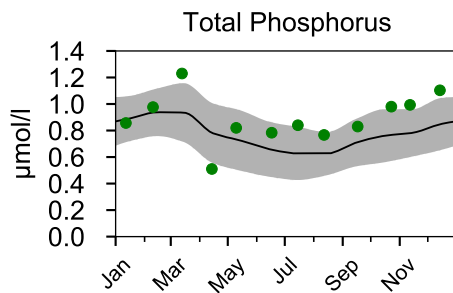
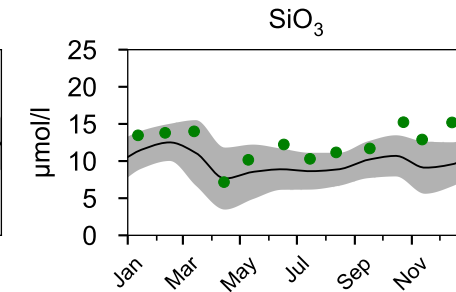
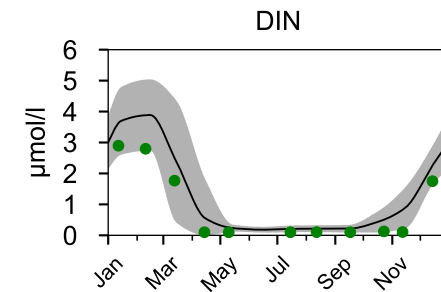
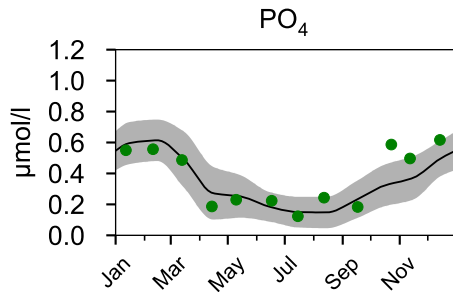
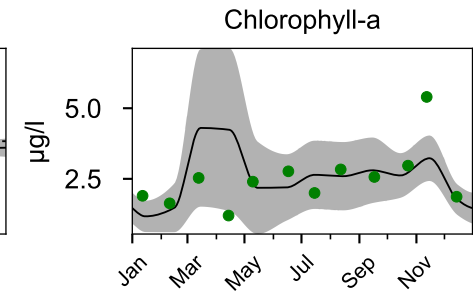
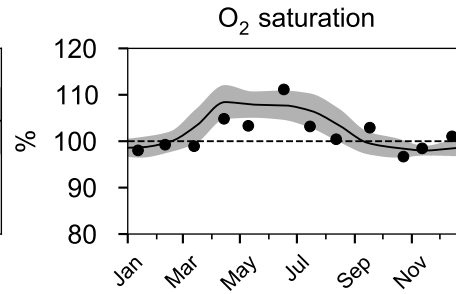
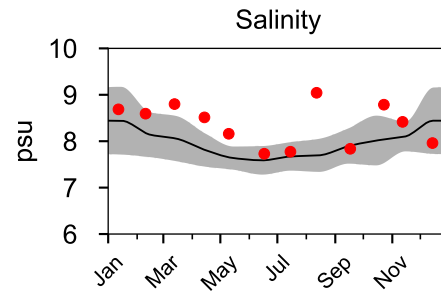
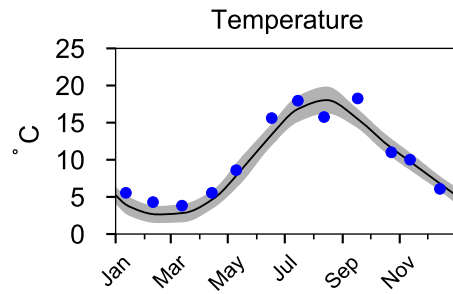
STATION BCS III-10 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2023



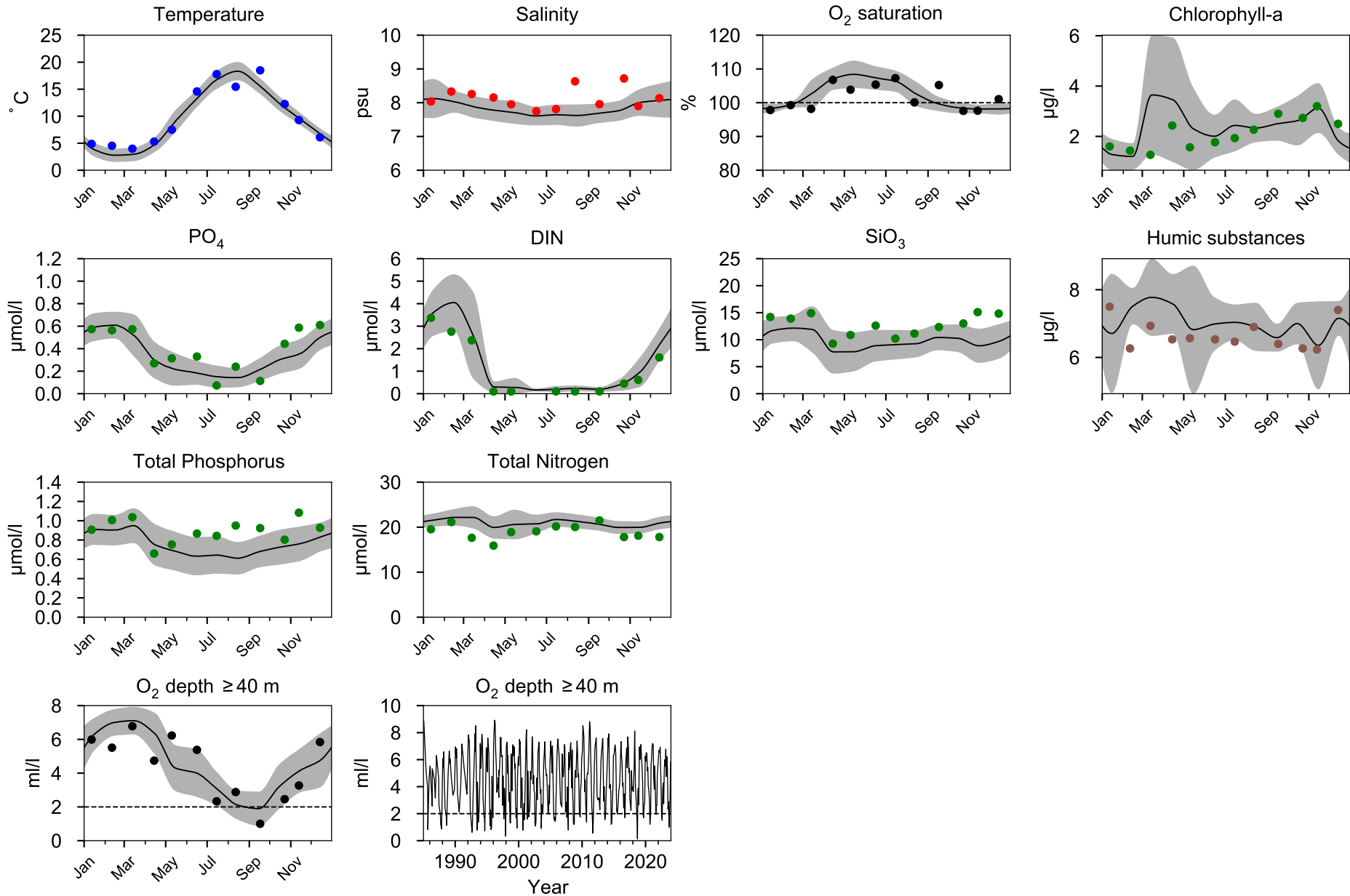
STATION BY1 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



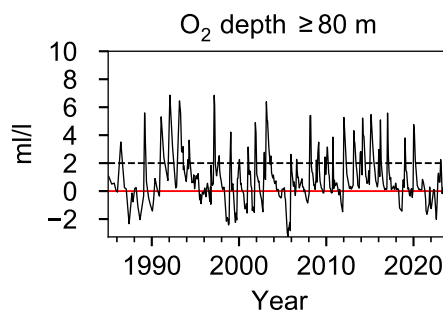
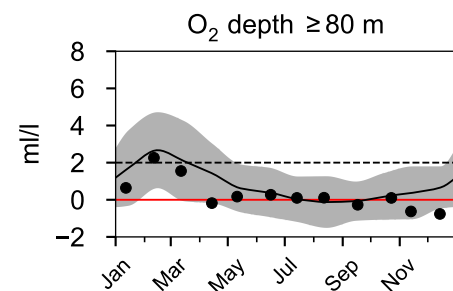
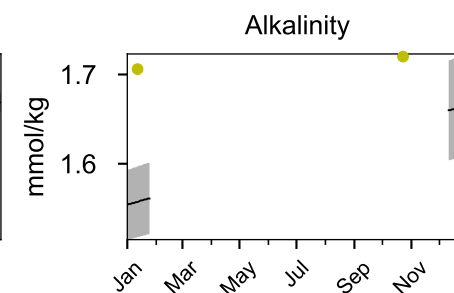
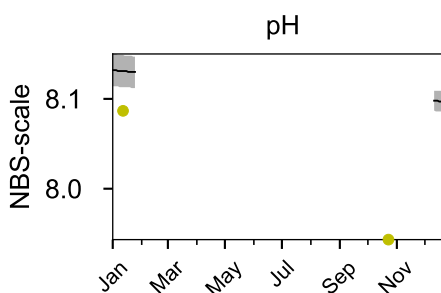
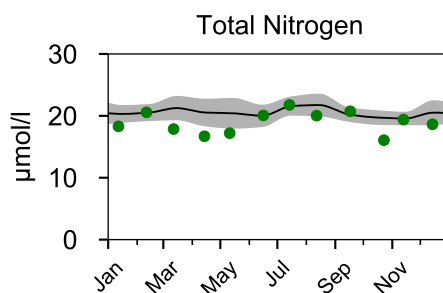
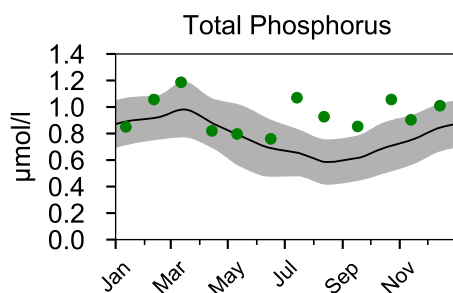
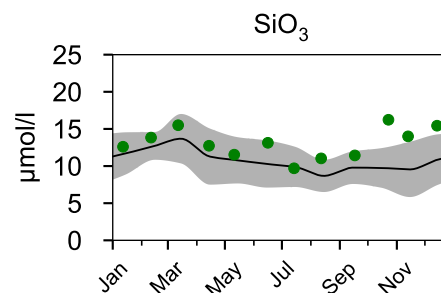
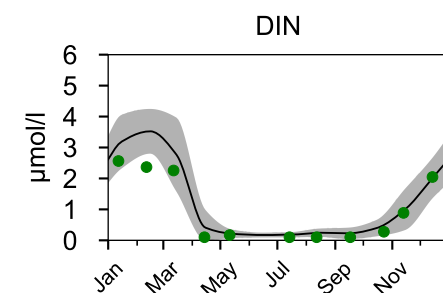
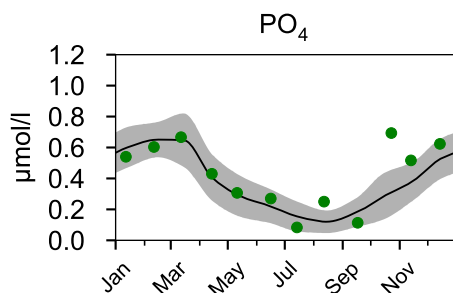
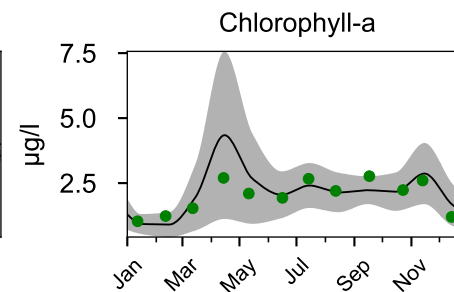
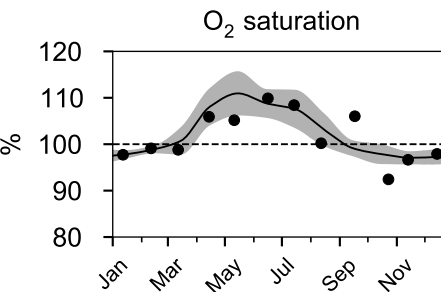
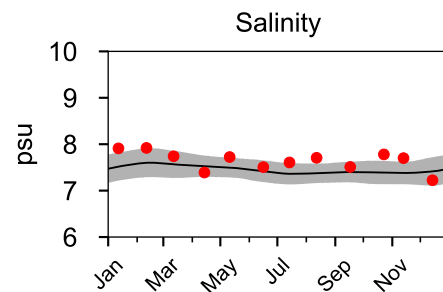
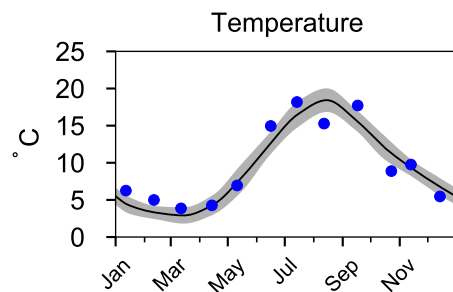
STATION BY2 ARKONA SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



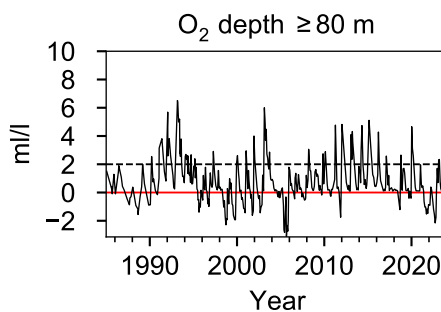
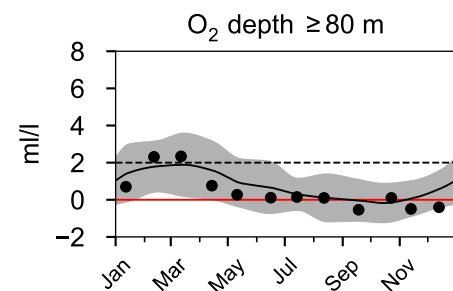
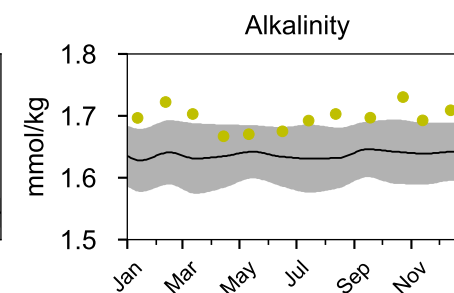
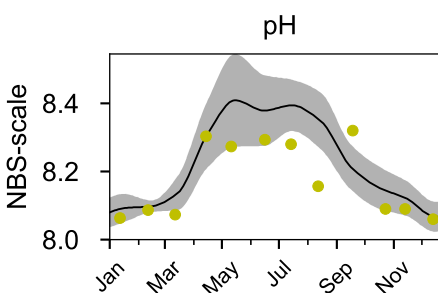
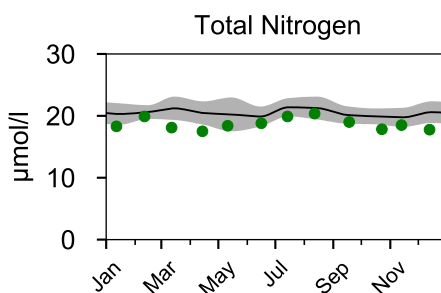
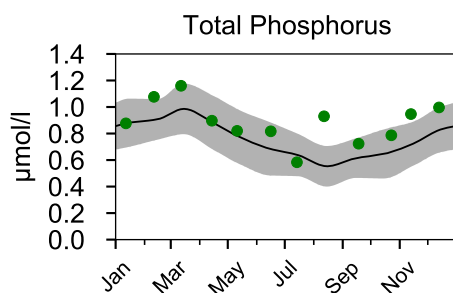
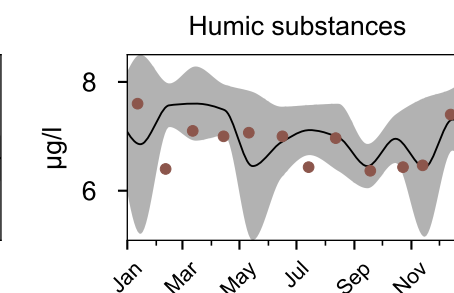
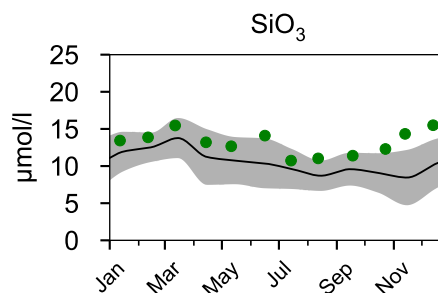
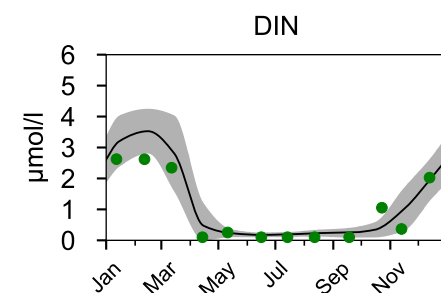
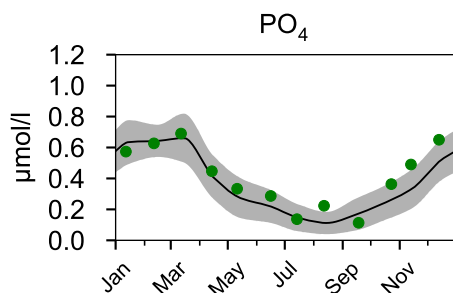
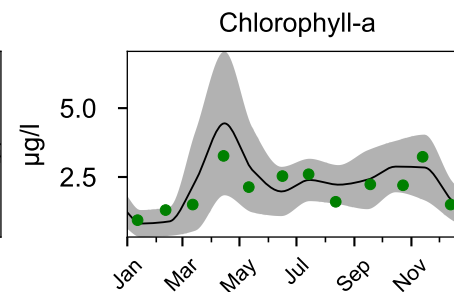
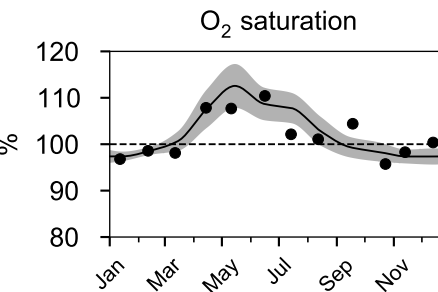
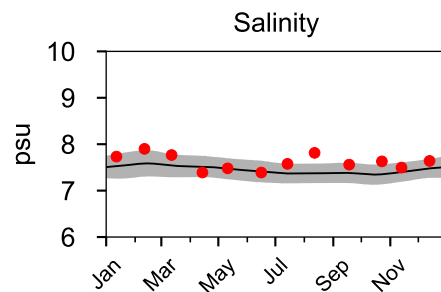
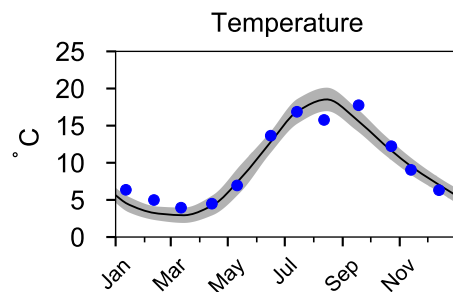
STATION BY4 CHRISTIANSÖ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



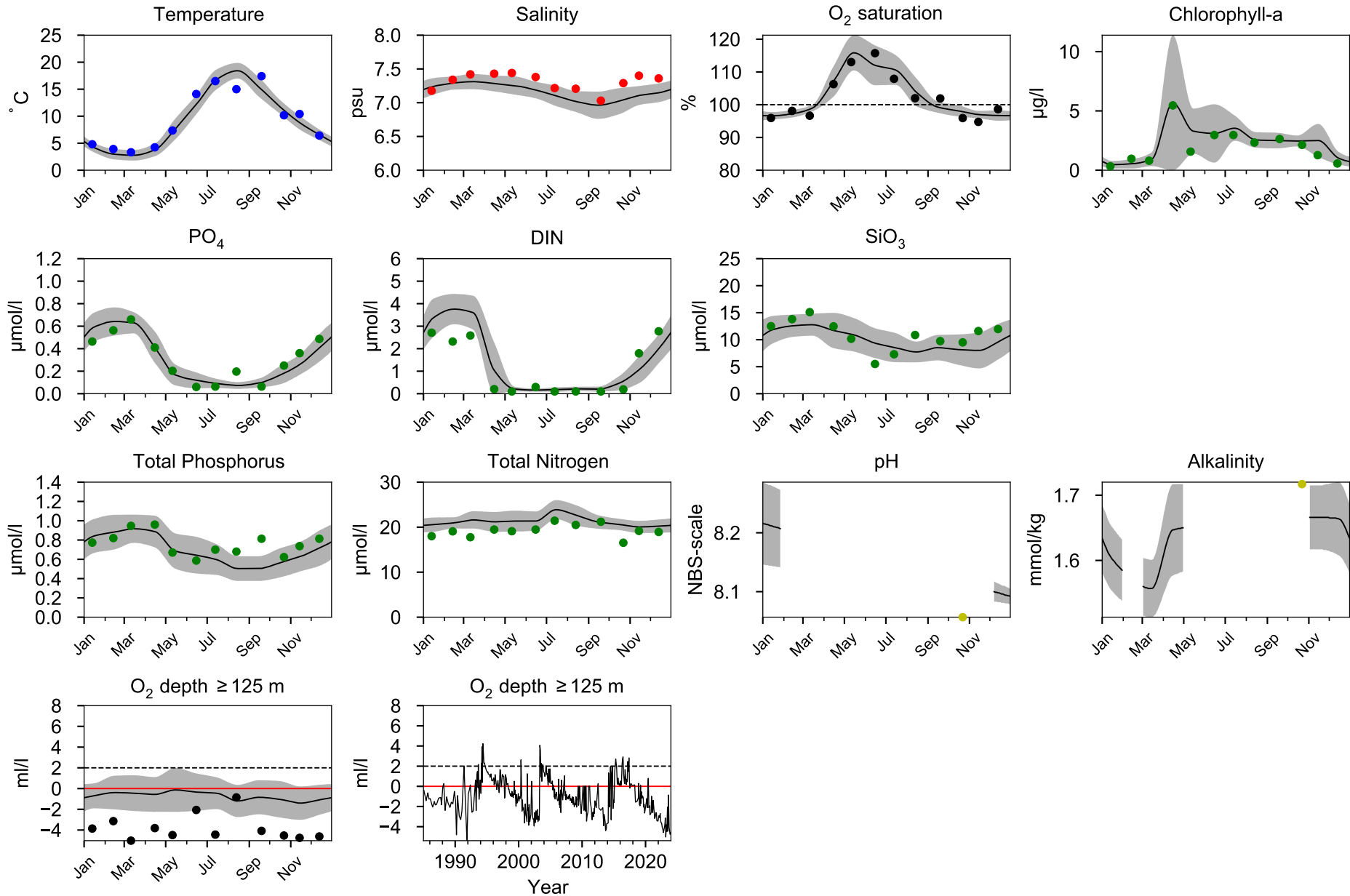
STATION BY5 BORNHOLMSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



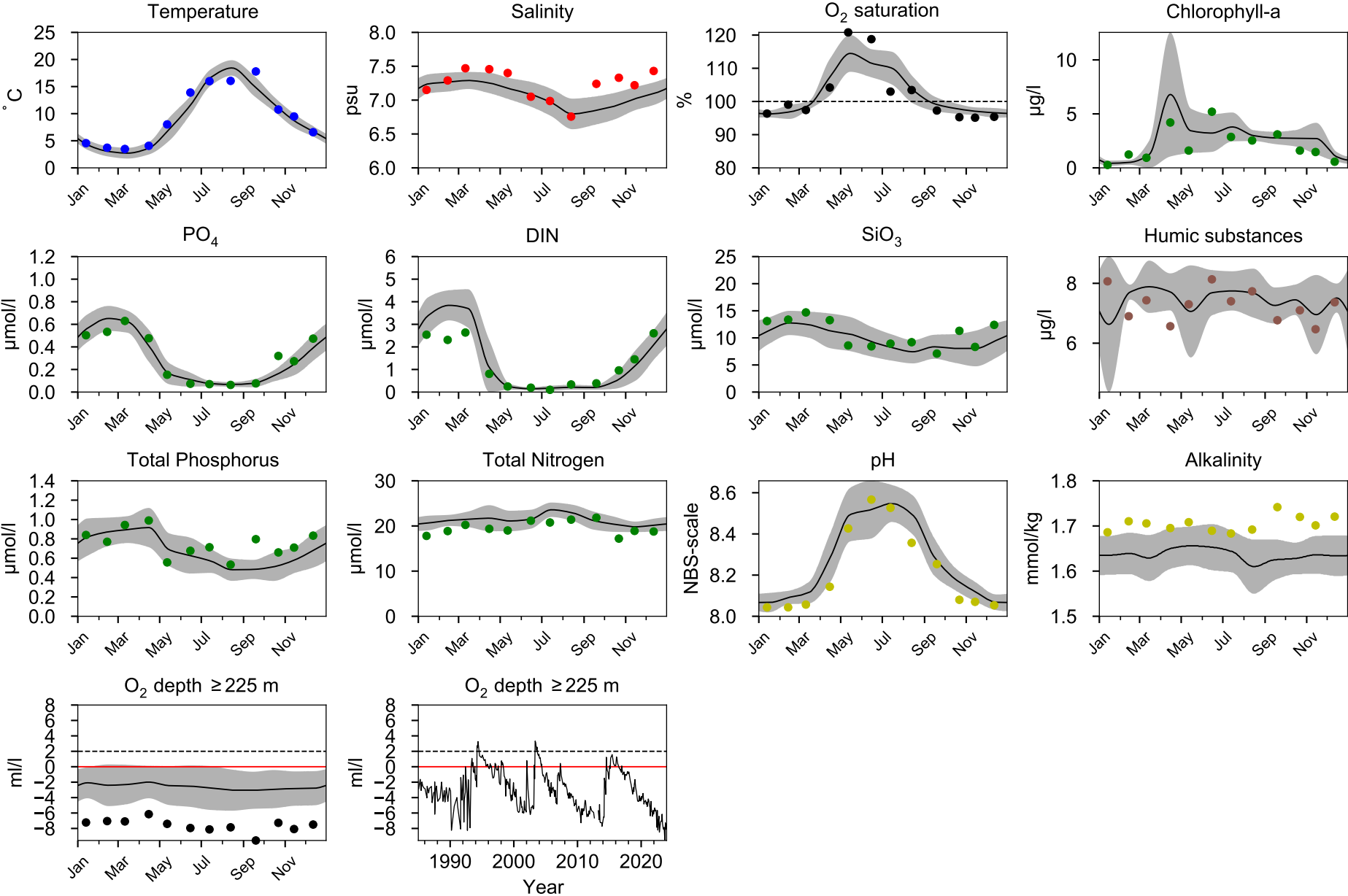
STATION BY10 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



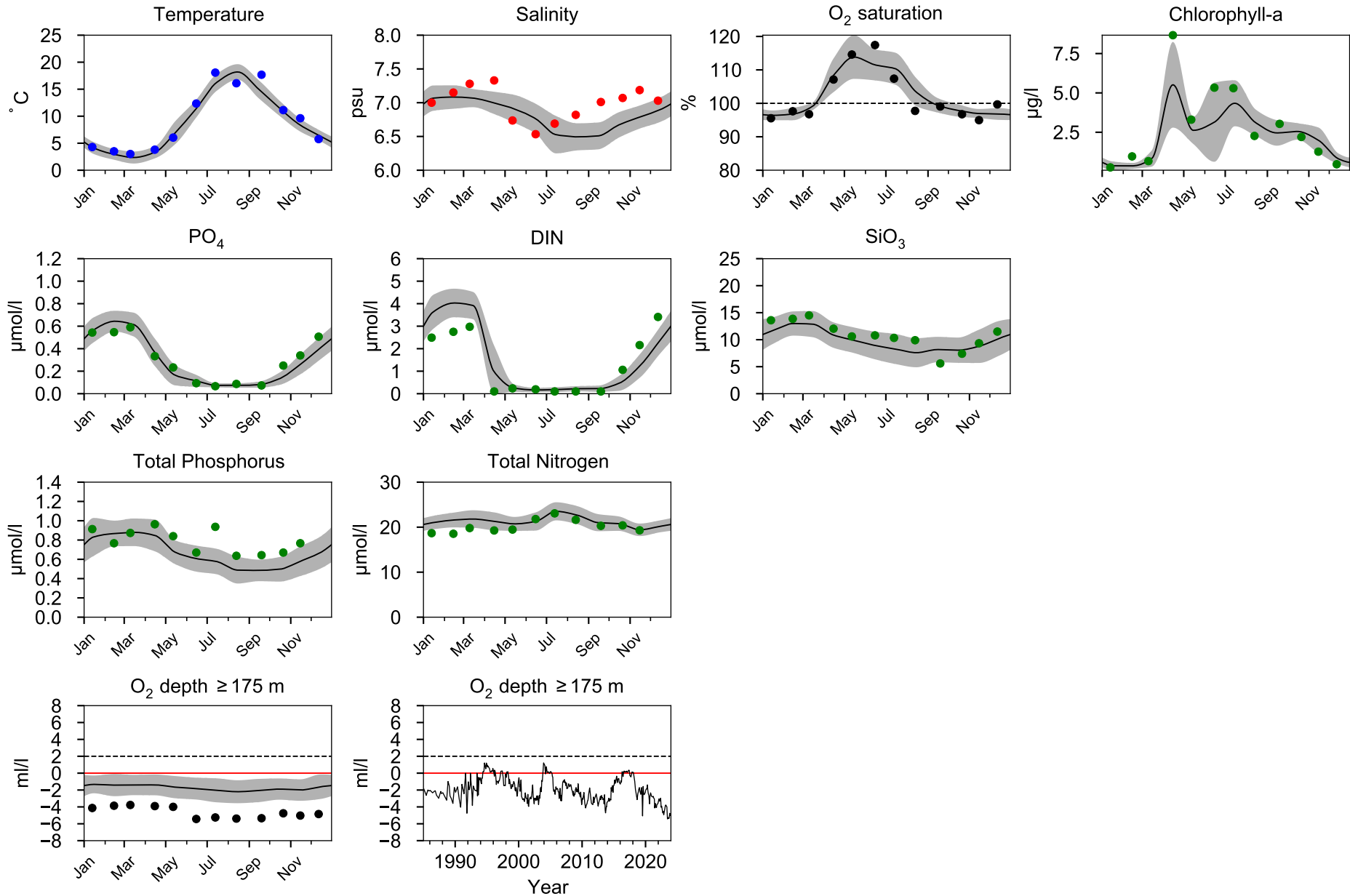
STATION BY15 GOTLANDSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



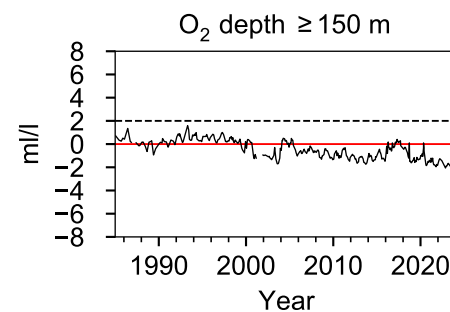
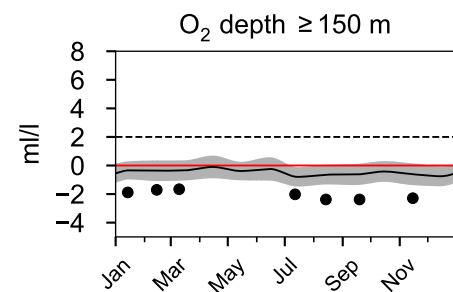
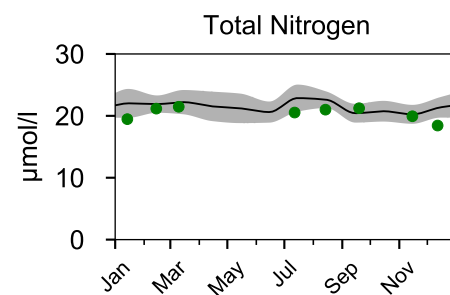
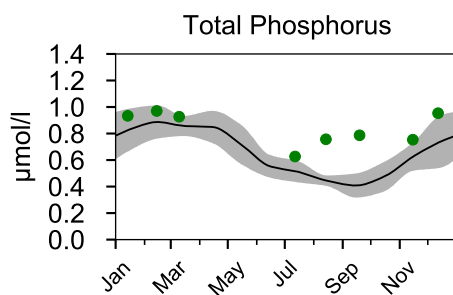
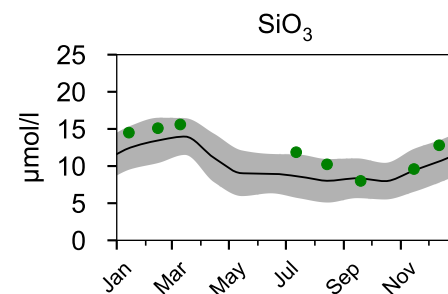
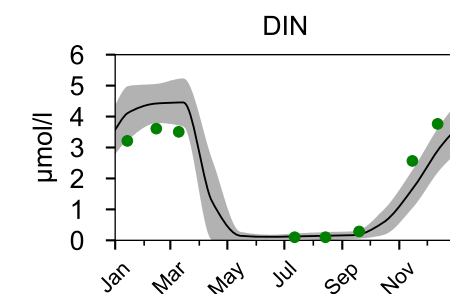
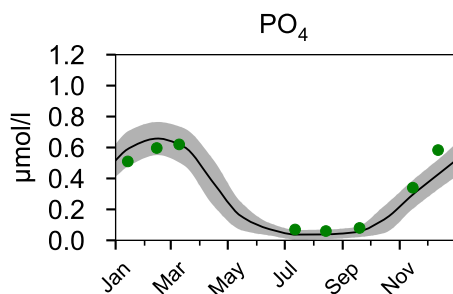
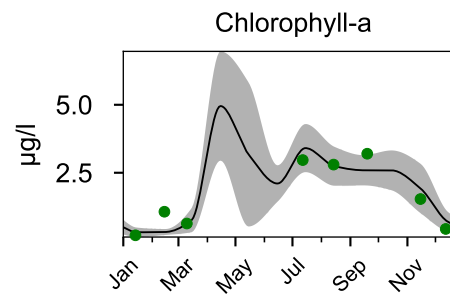
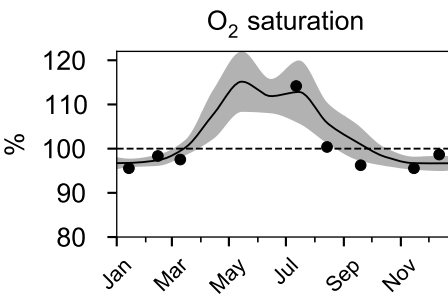
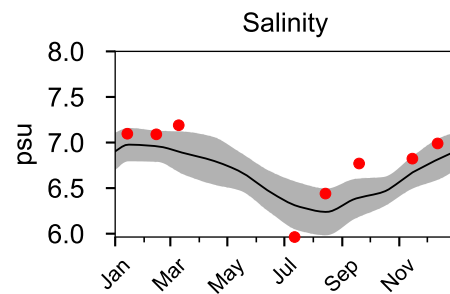
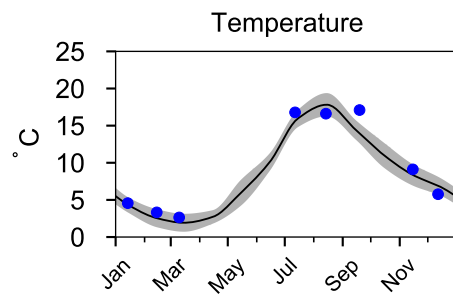
STATION BY20 FÄRÖDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



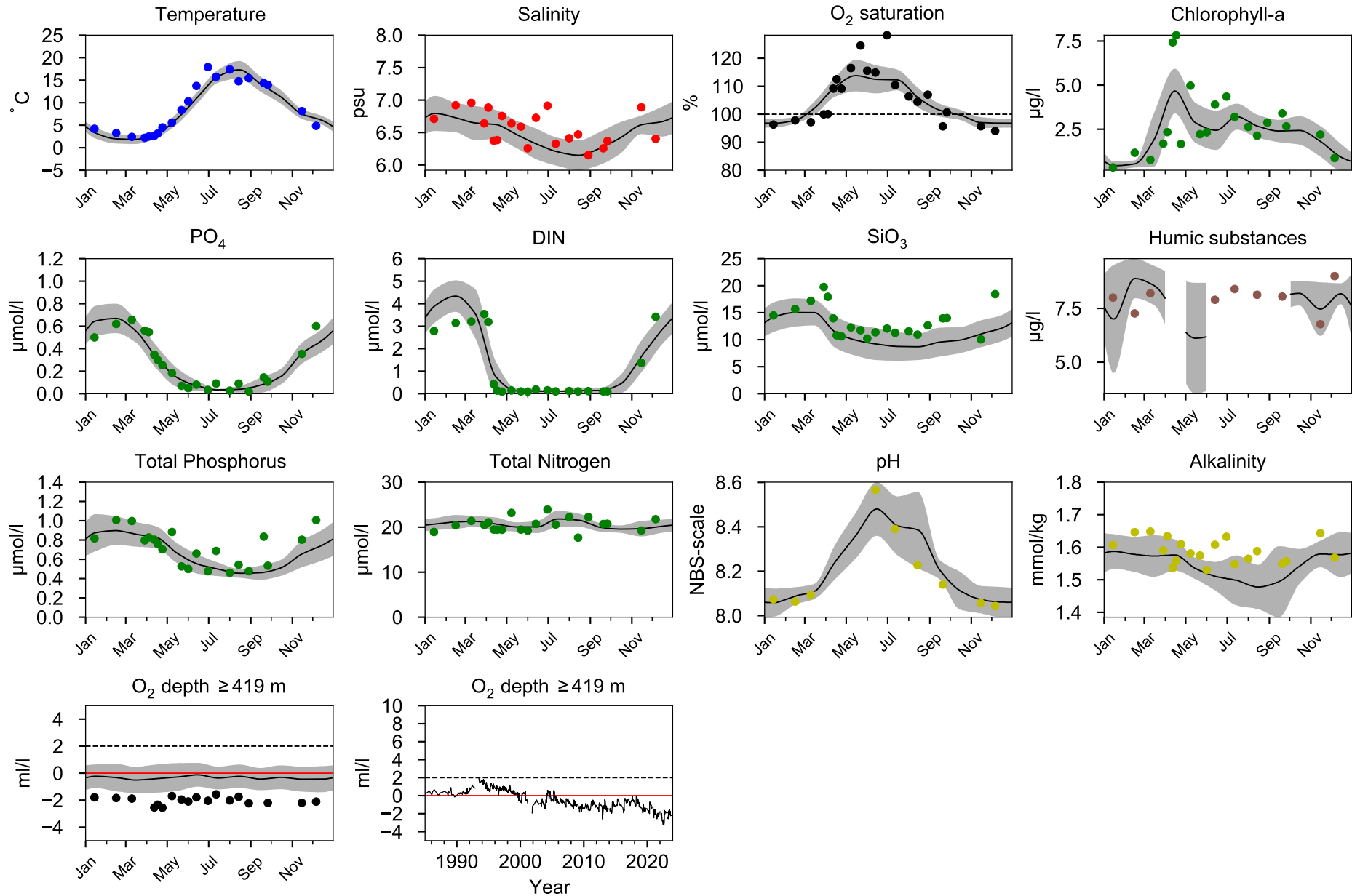
STATION BY29 / LL19 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



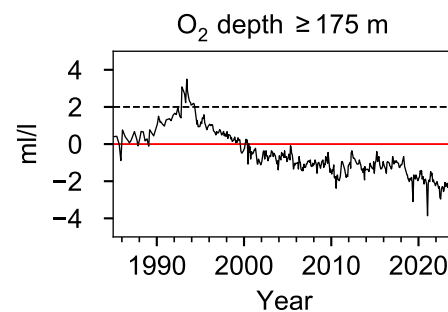
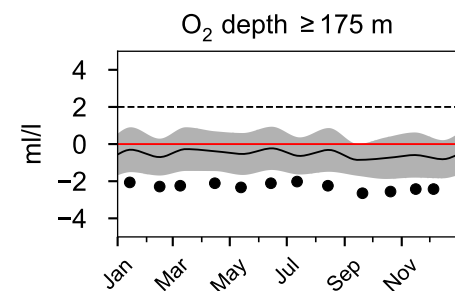
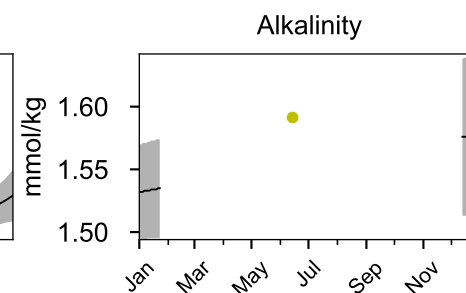
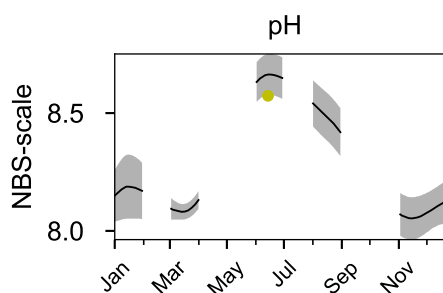
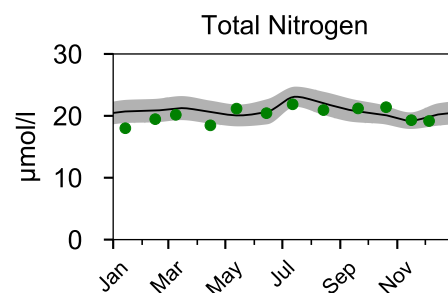
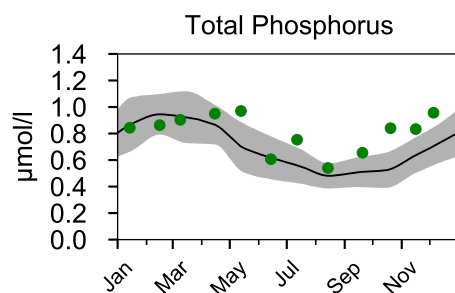
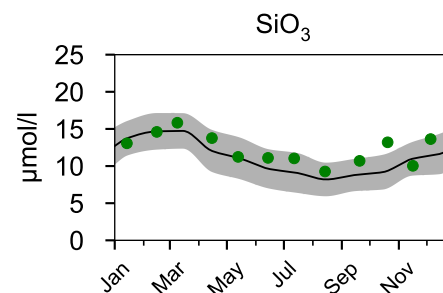
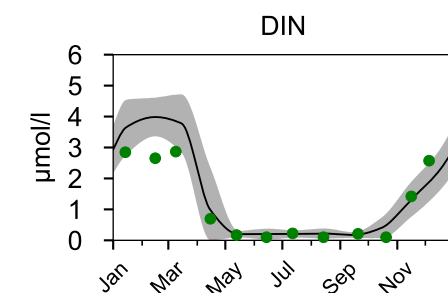
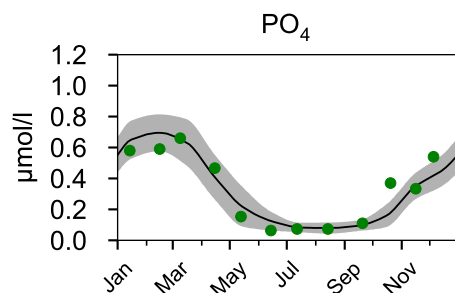
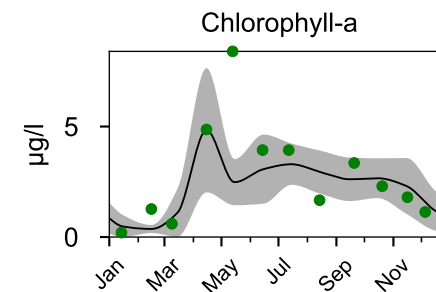
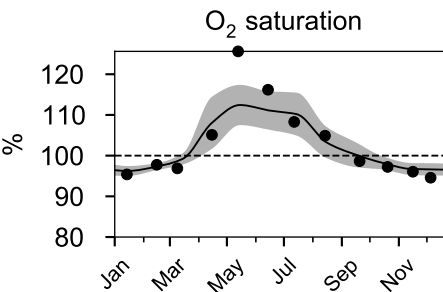
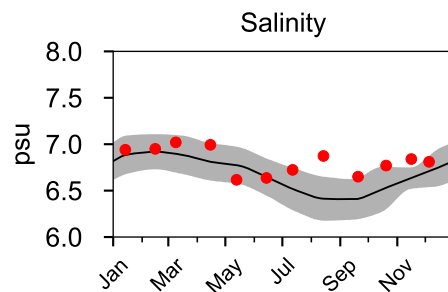
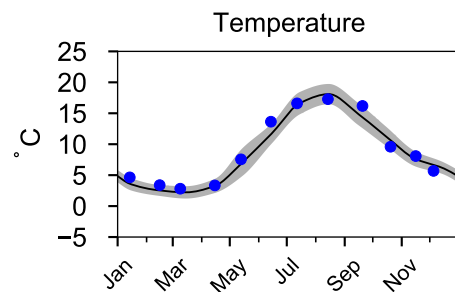
STATION BY31 LANDSORTSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



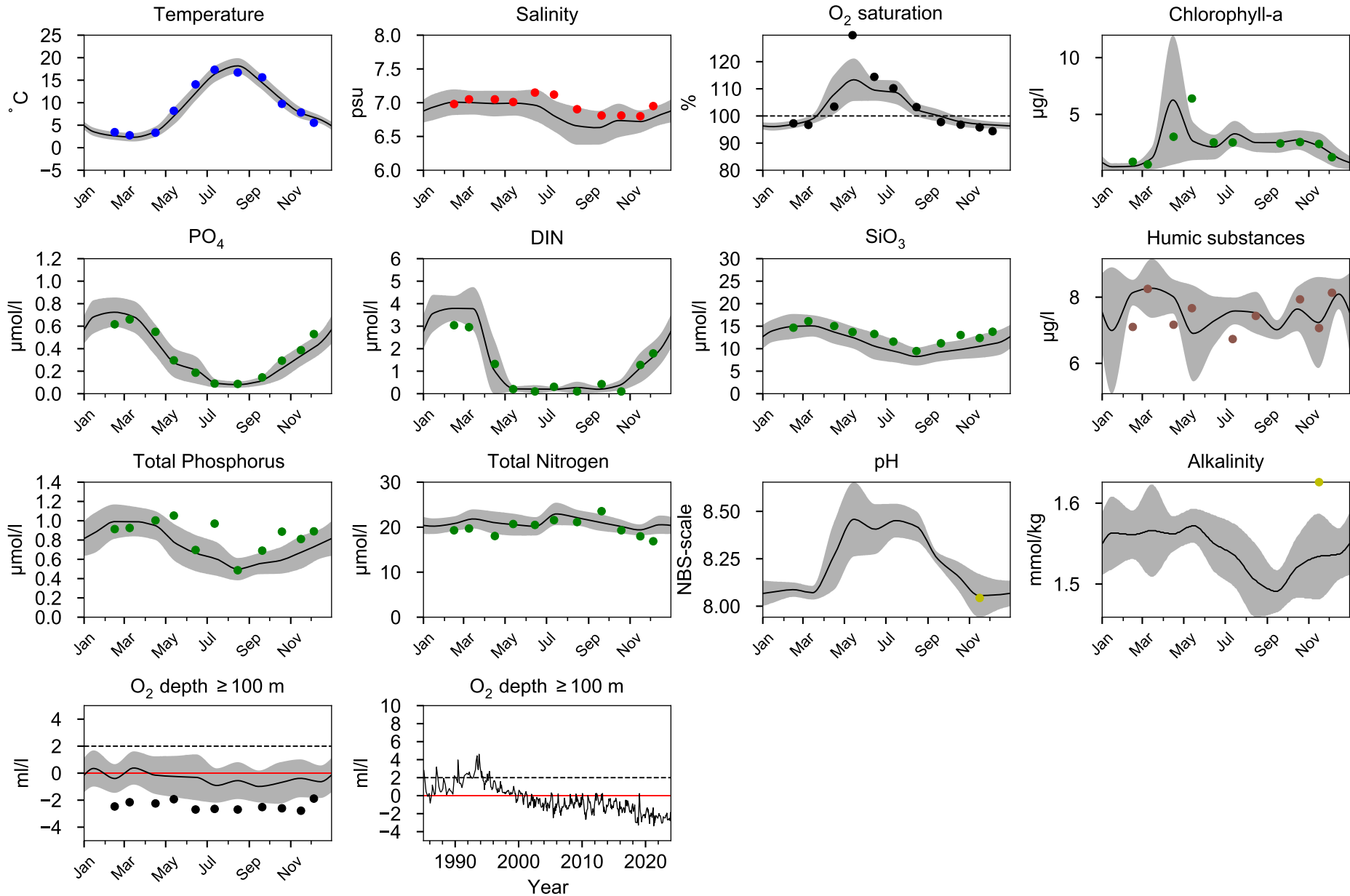
STATION BY32 NORRKÖPINGSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



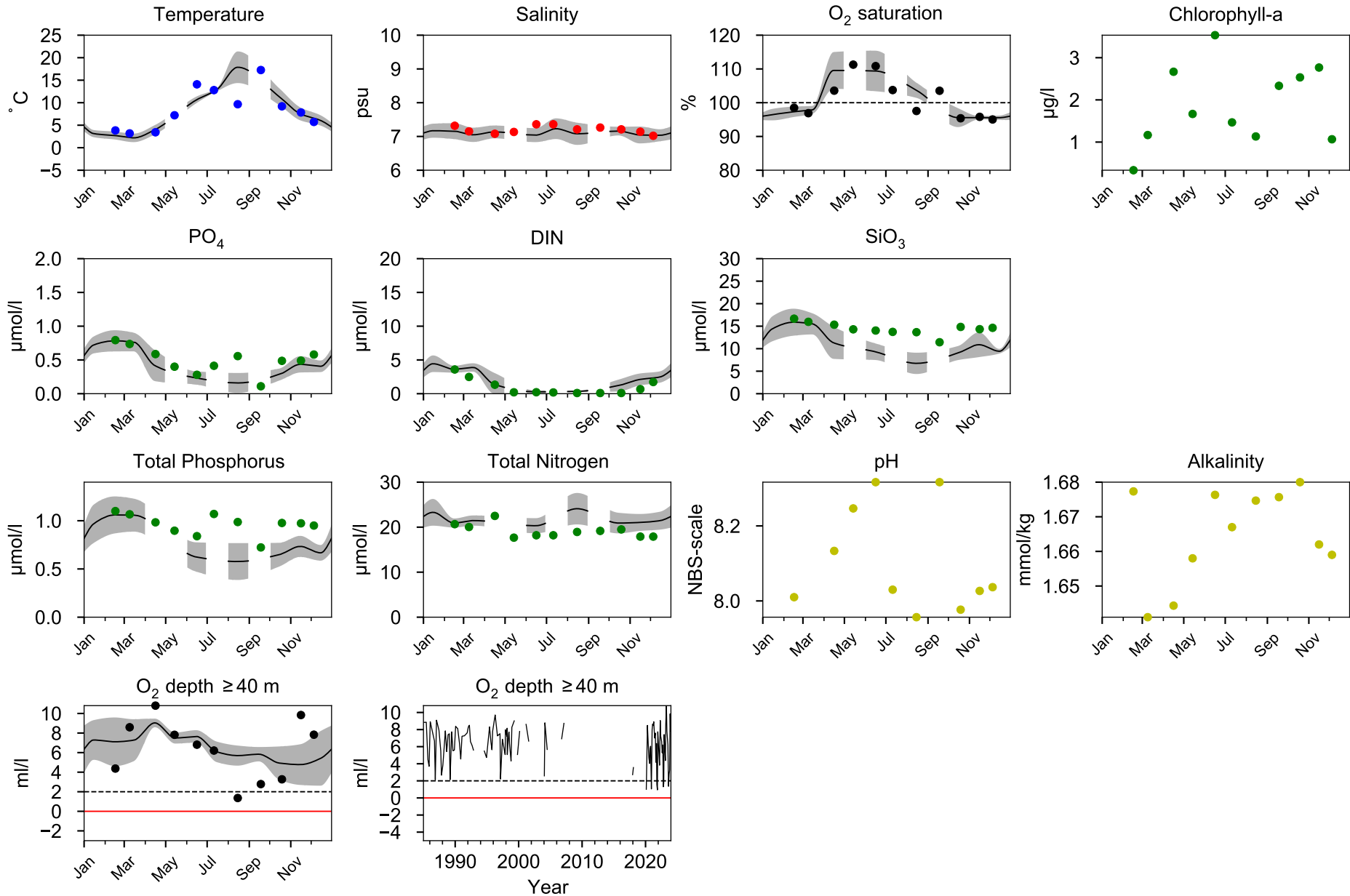
STATION BY38 KARLSÖDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



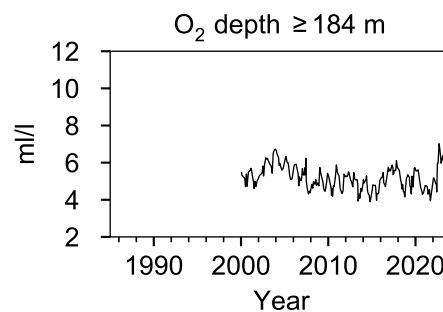
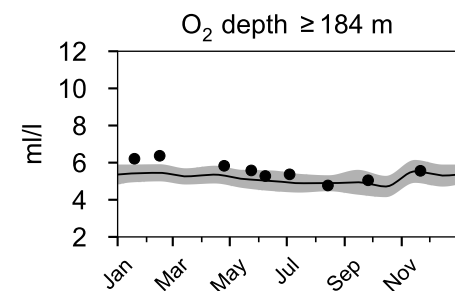
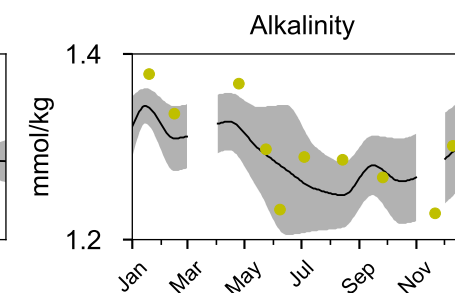
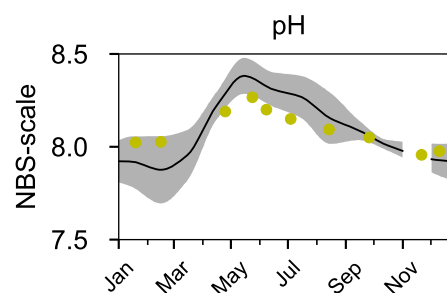
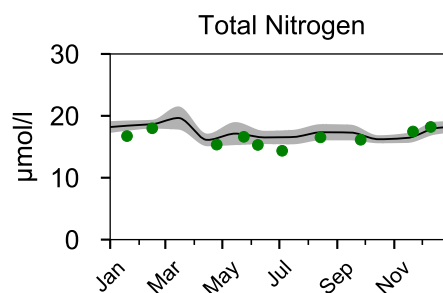
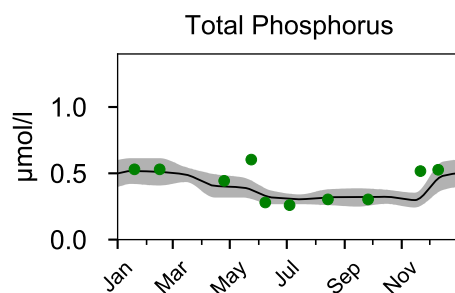
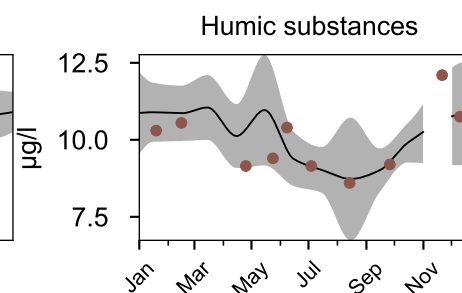
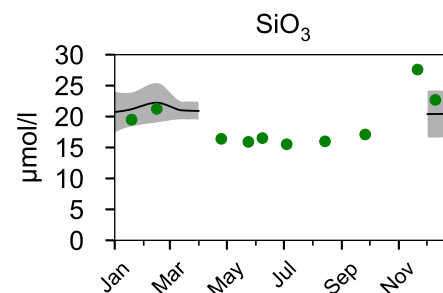
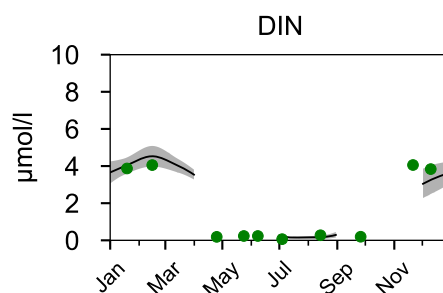
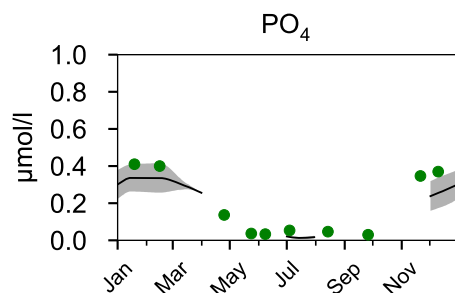
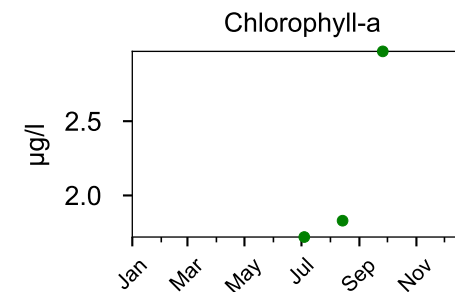
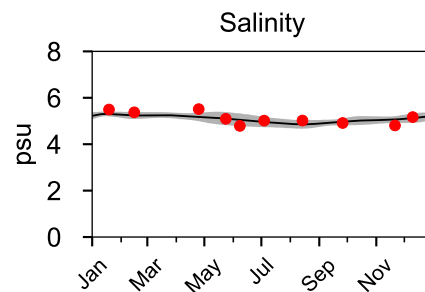
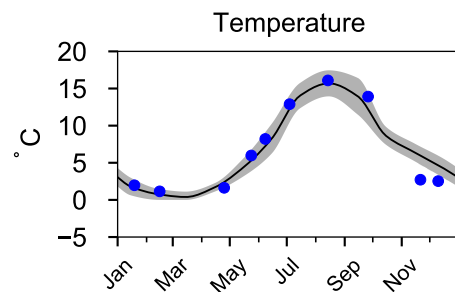
STATION BY39 ÖLANDS S UDDE SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



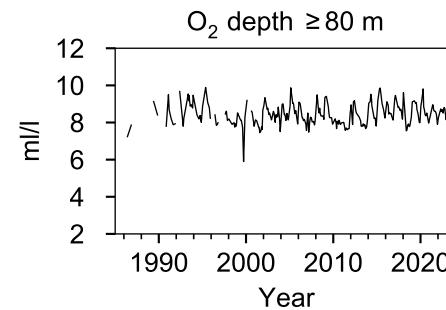
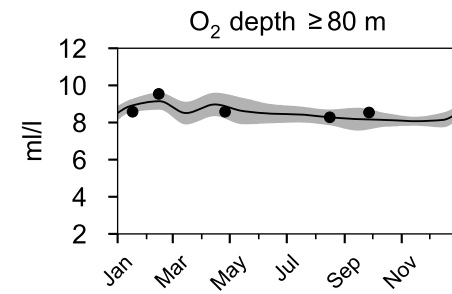
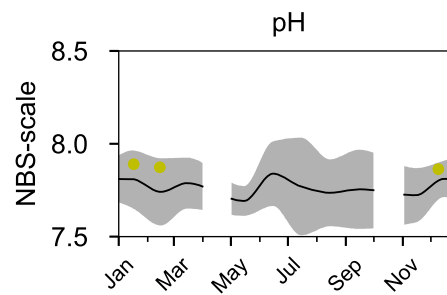
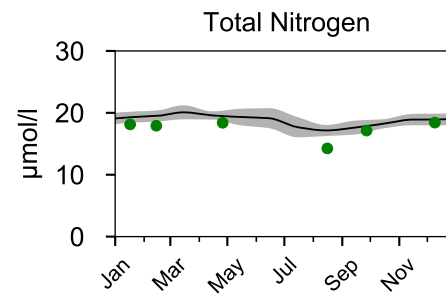
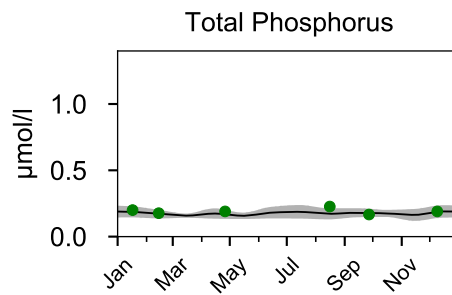
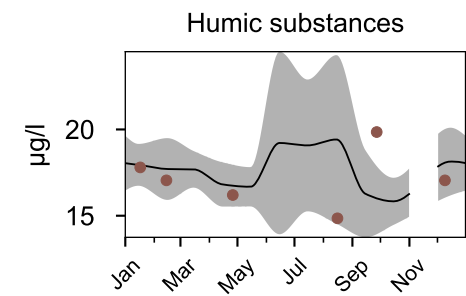
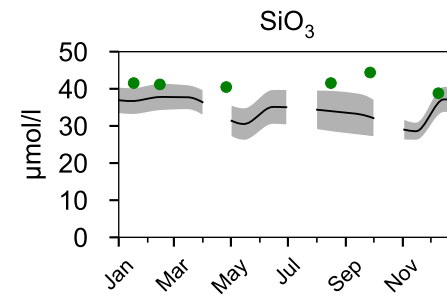
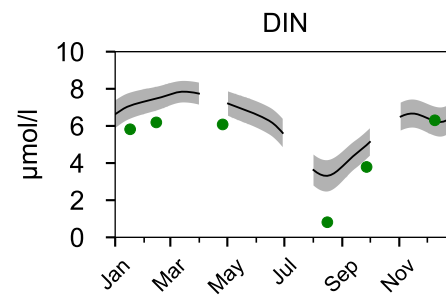
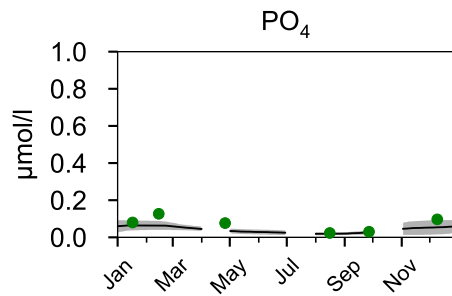
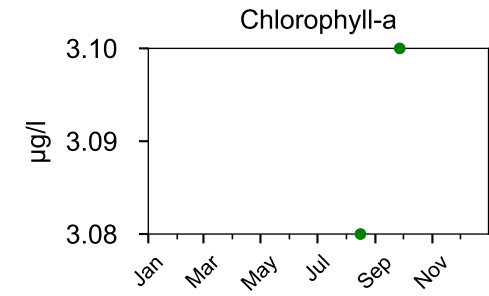
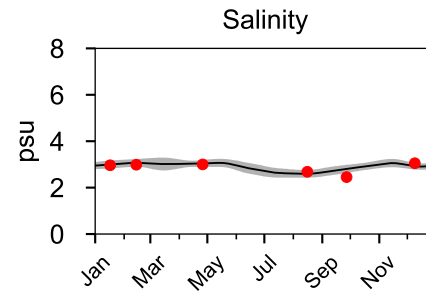
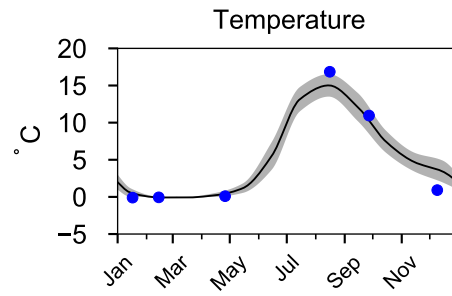
STATION C3 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



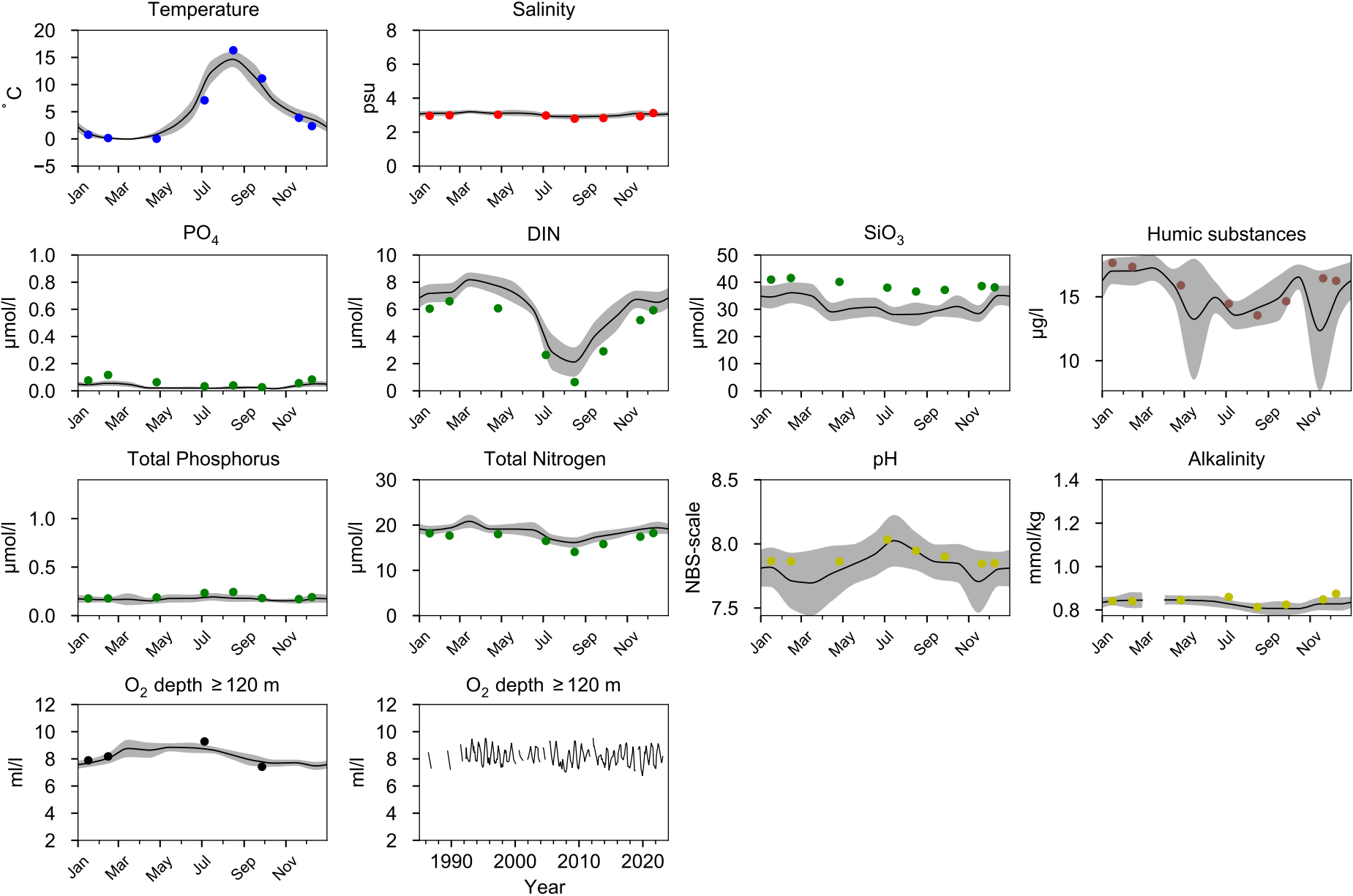
STATION F3 / A5 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



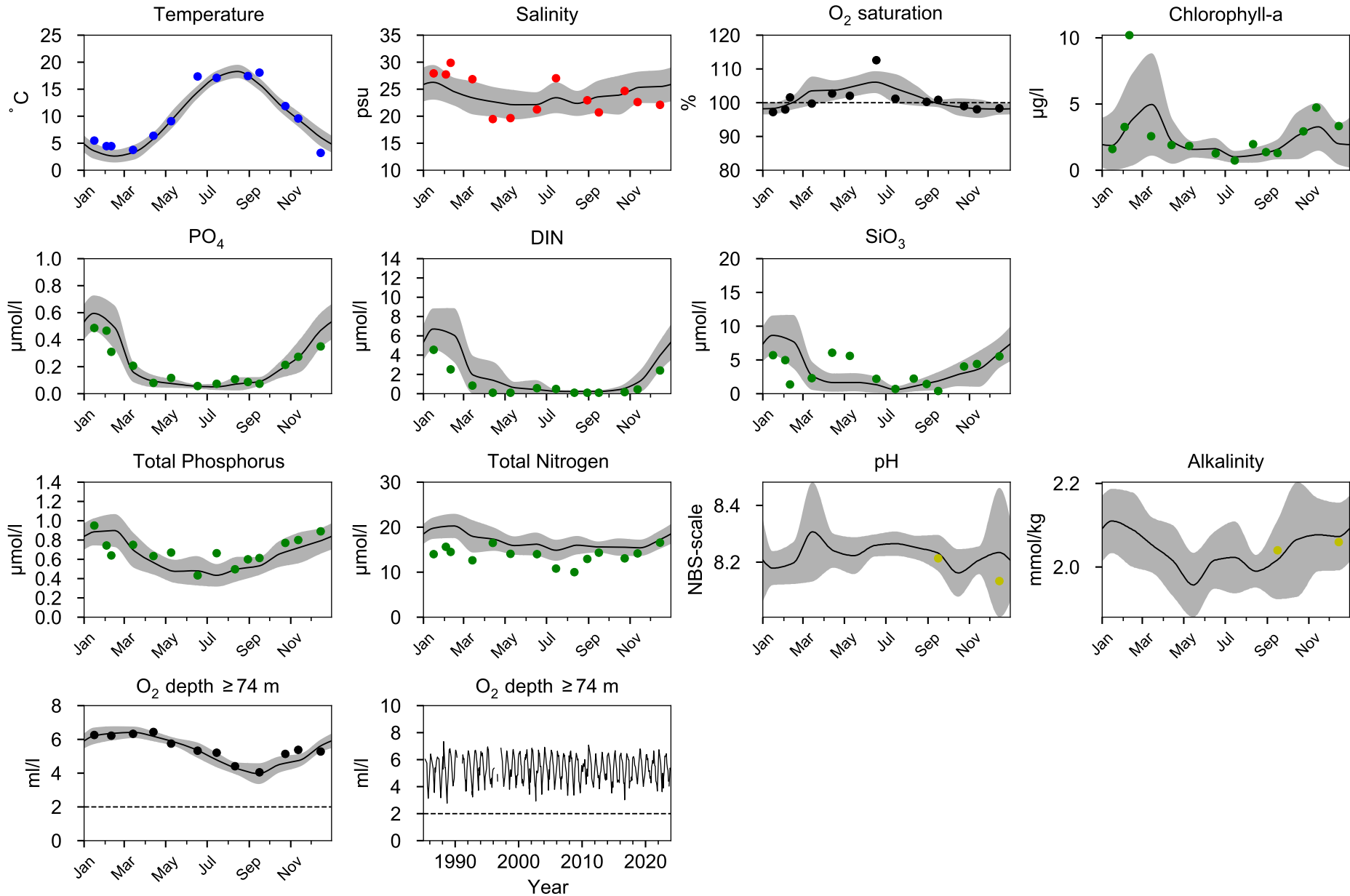
STATION F9 / A13 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



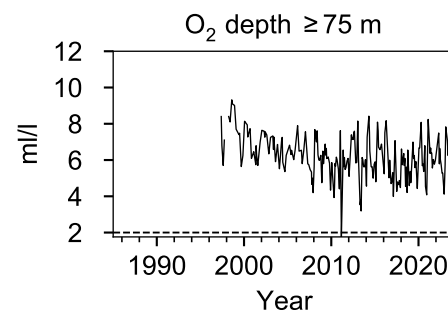
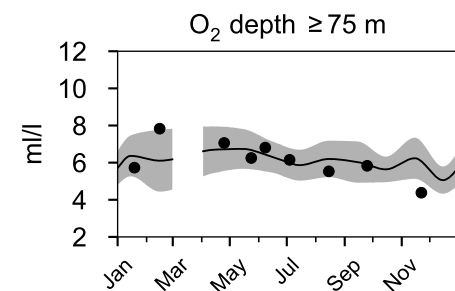
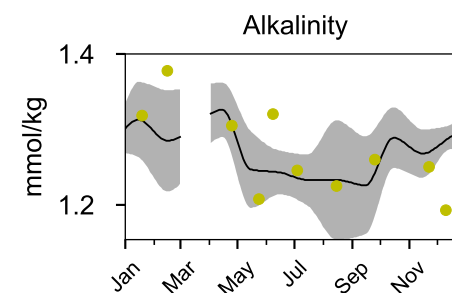
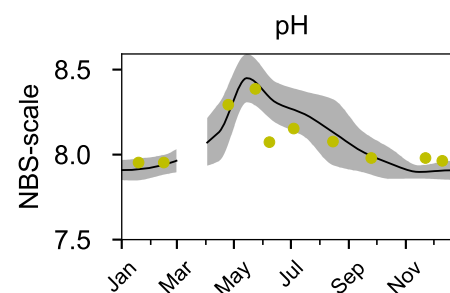
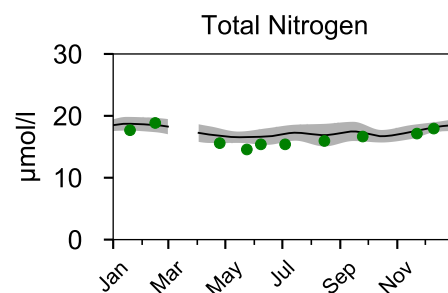
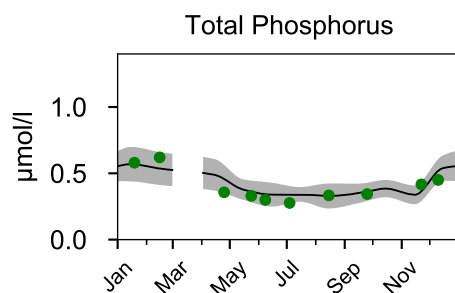
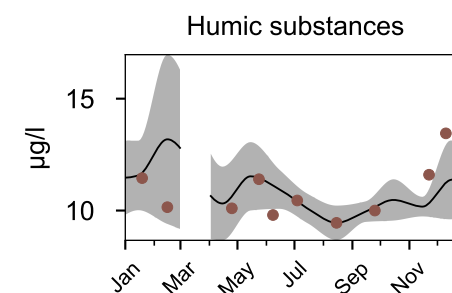
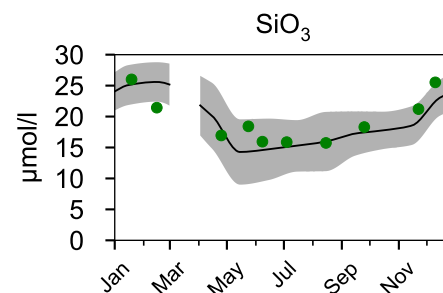
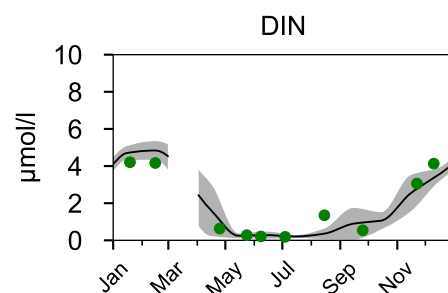
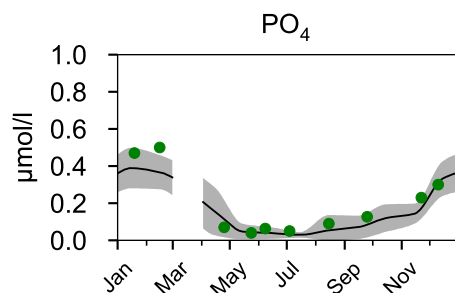
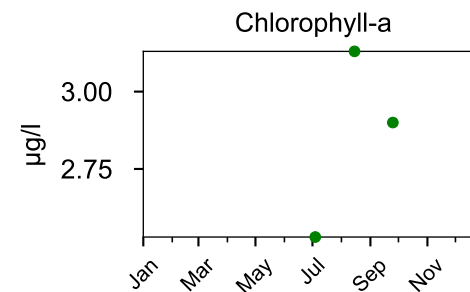
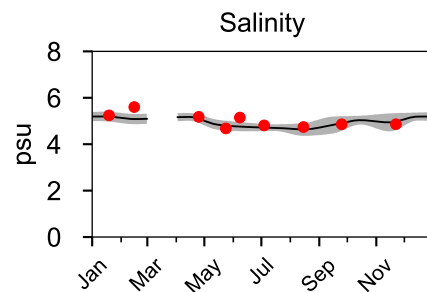
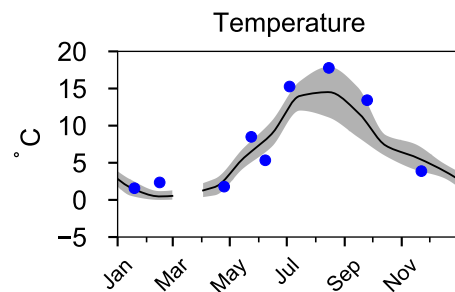
STATION FLADEN SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



STATION GAVIK-1 SURFACE WATER (0-10 m)

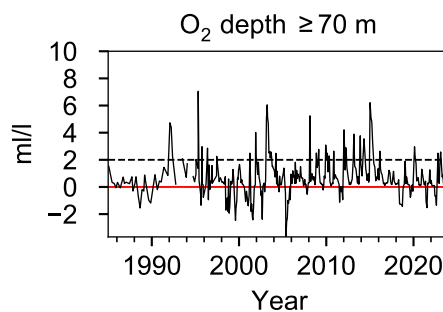
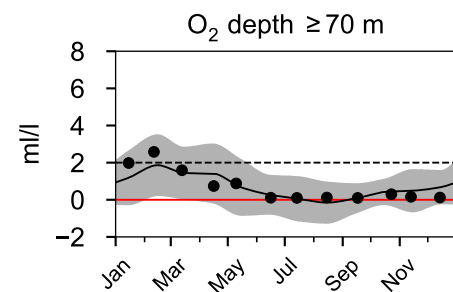
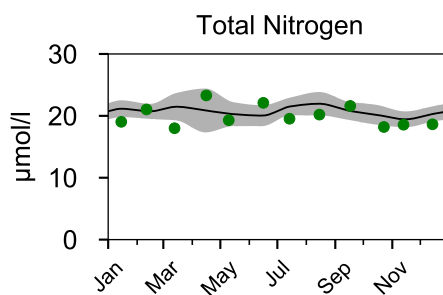
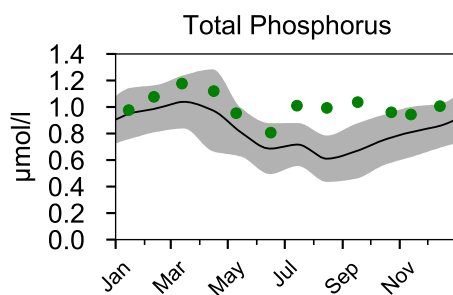
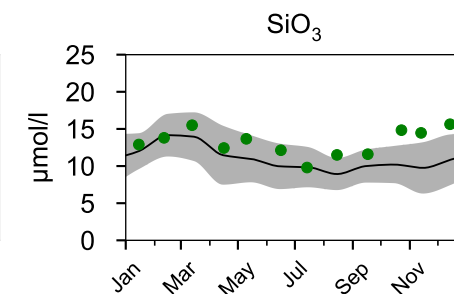
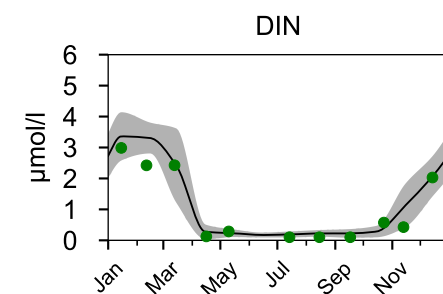
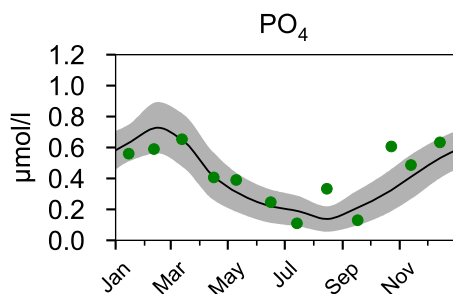
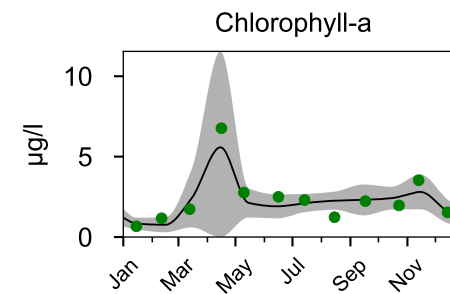
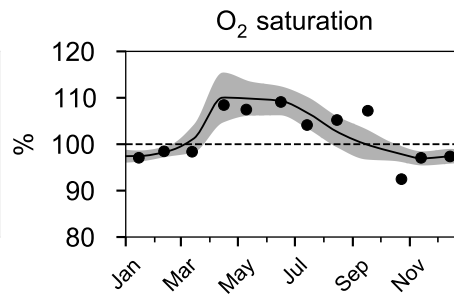
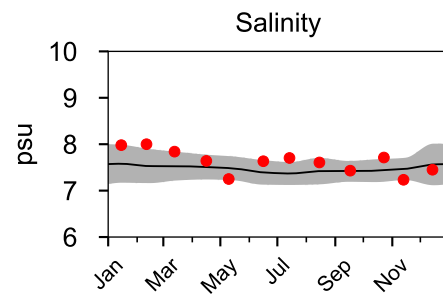
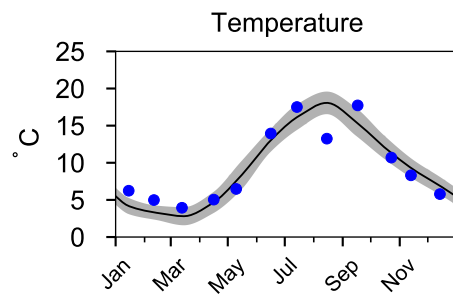
— Mean 1991-2020 ■ St.Dev. ● 2023



Year

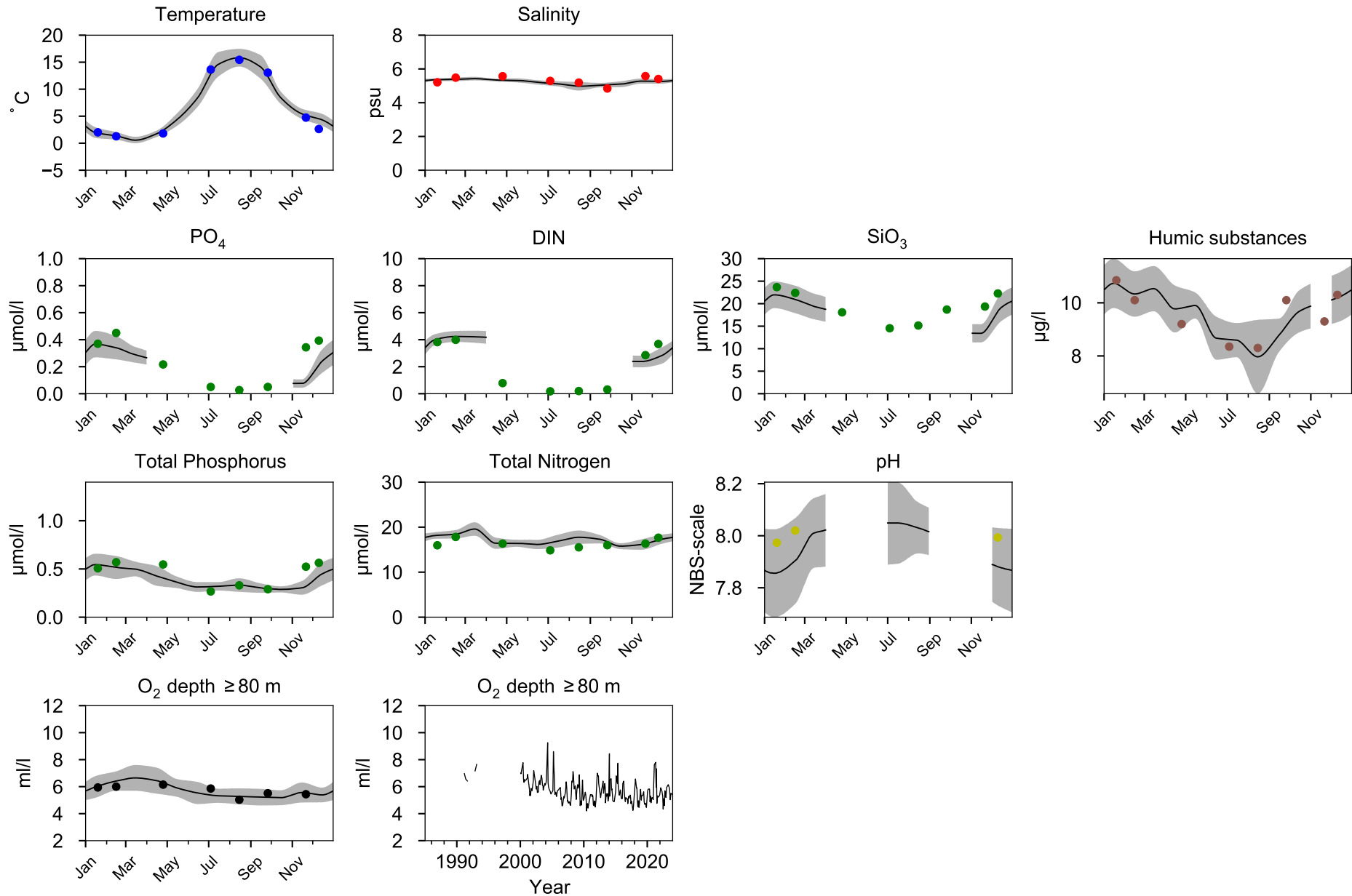
STATION HANÖBUKTEN SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



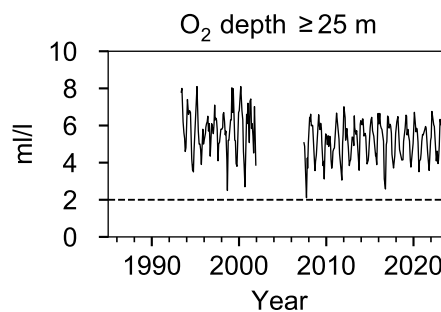
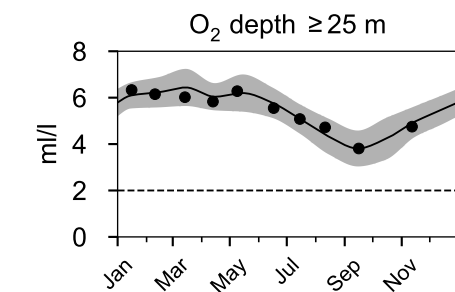
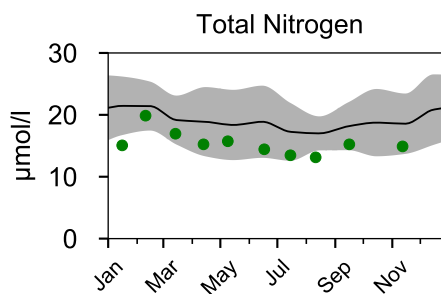
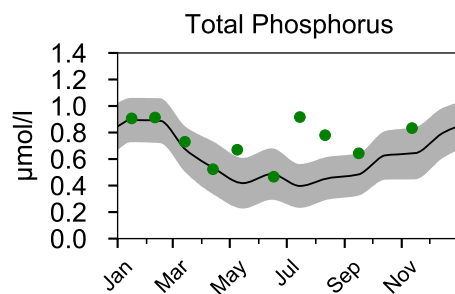
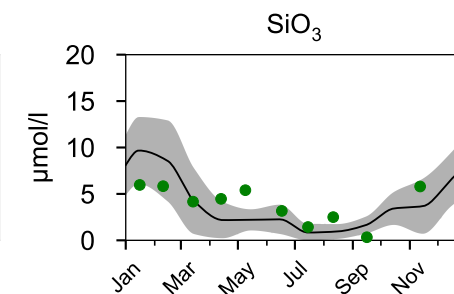
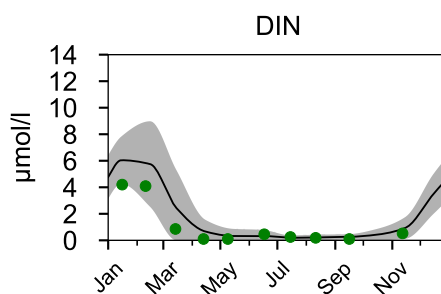
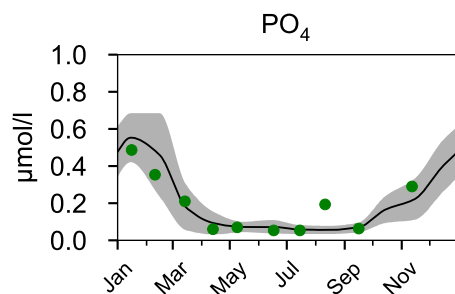
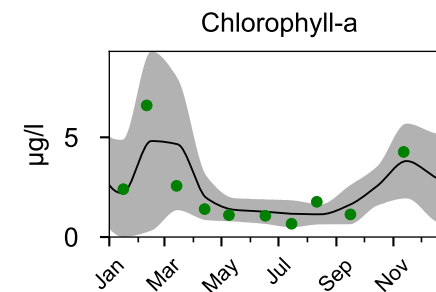
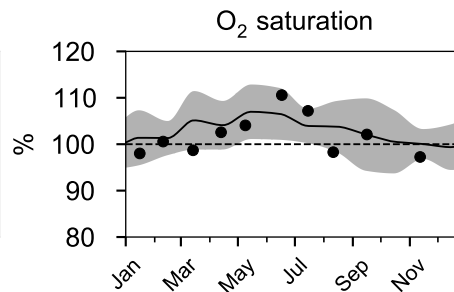
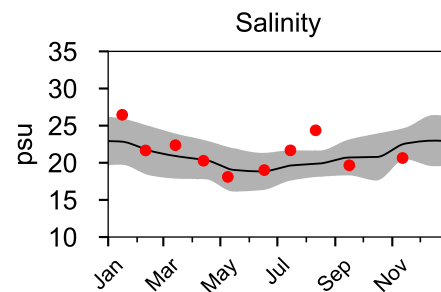
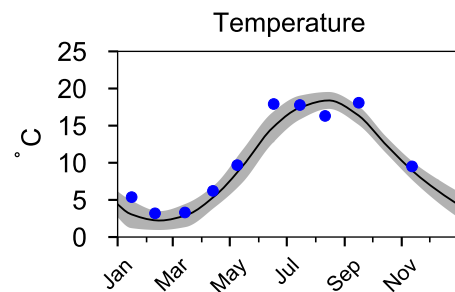
STATION MS4 / C14 SURFACE WATER (0-10 m)

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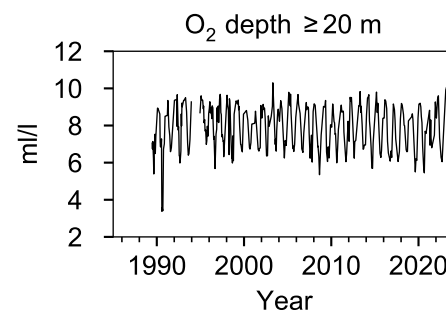
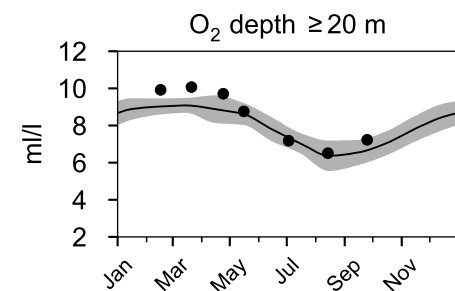
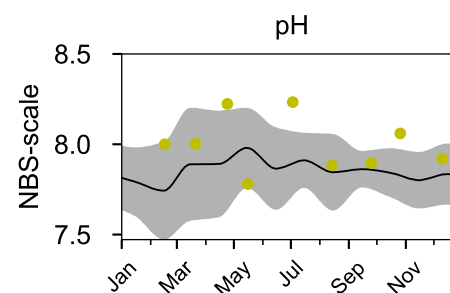
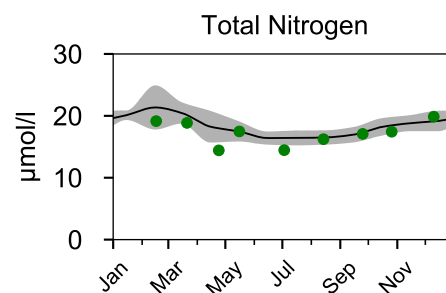
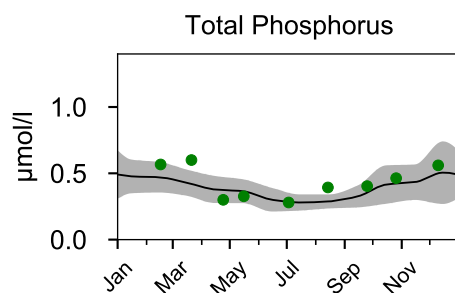
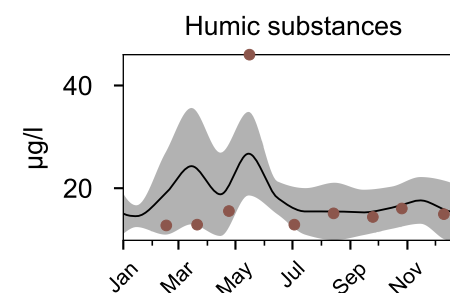
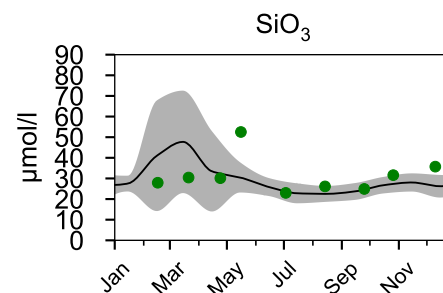
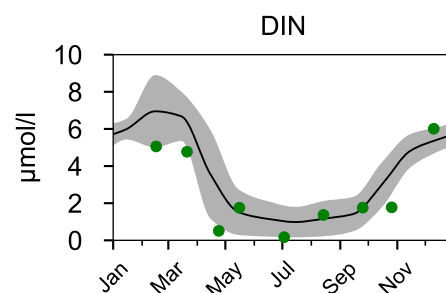
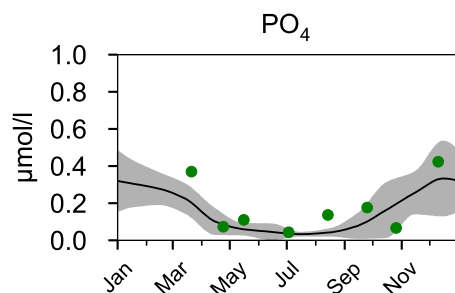
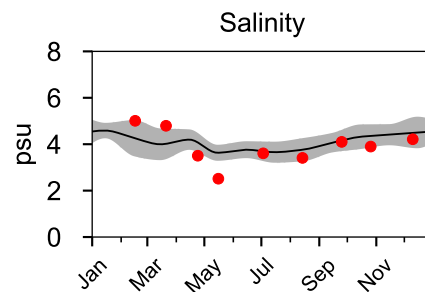
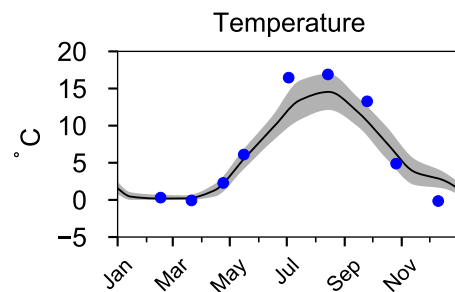
STATION N14 FALKENBERG SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



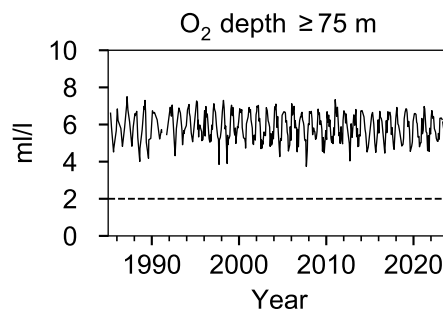
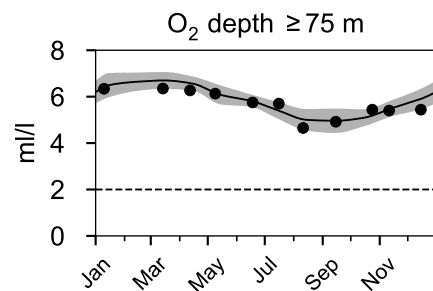
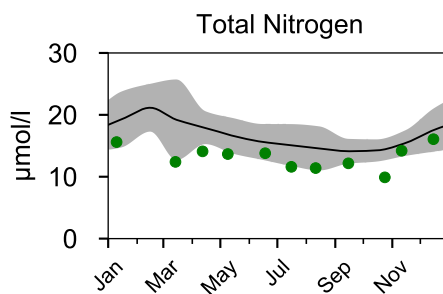
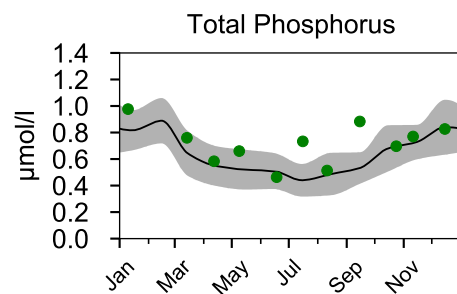
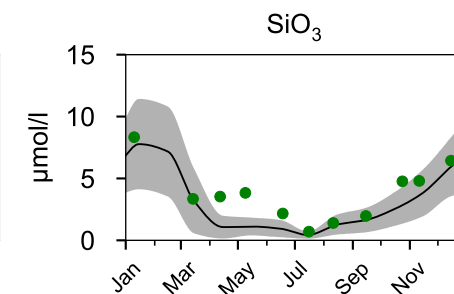
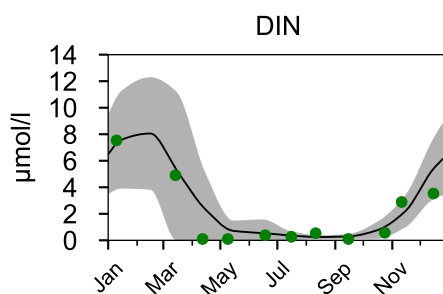
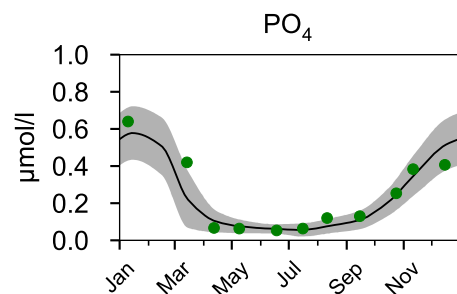
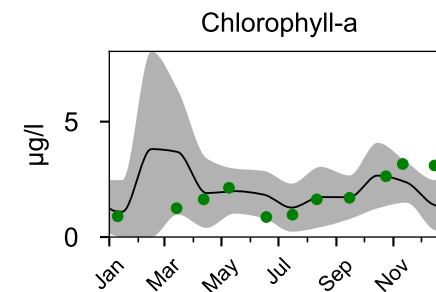
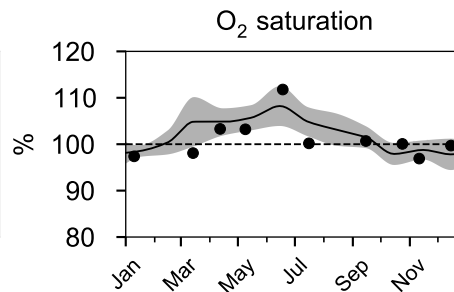
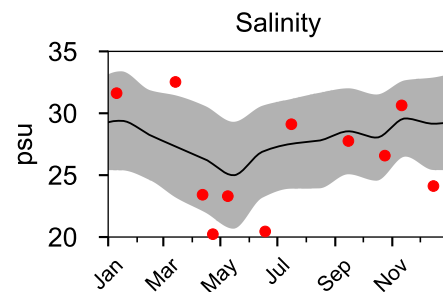
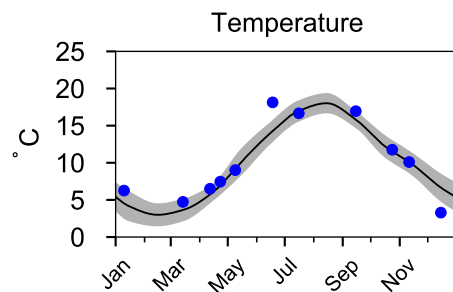
STATION NB1 / B3 SURFACE WATER (0-10 m)

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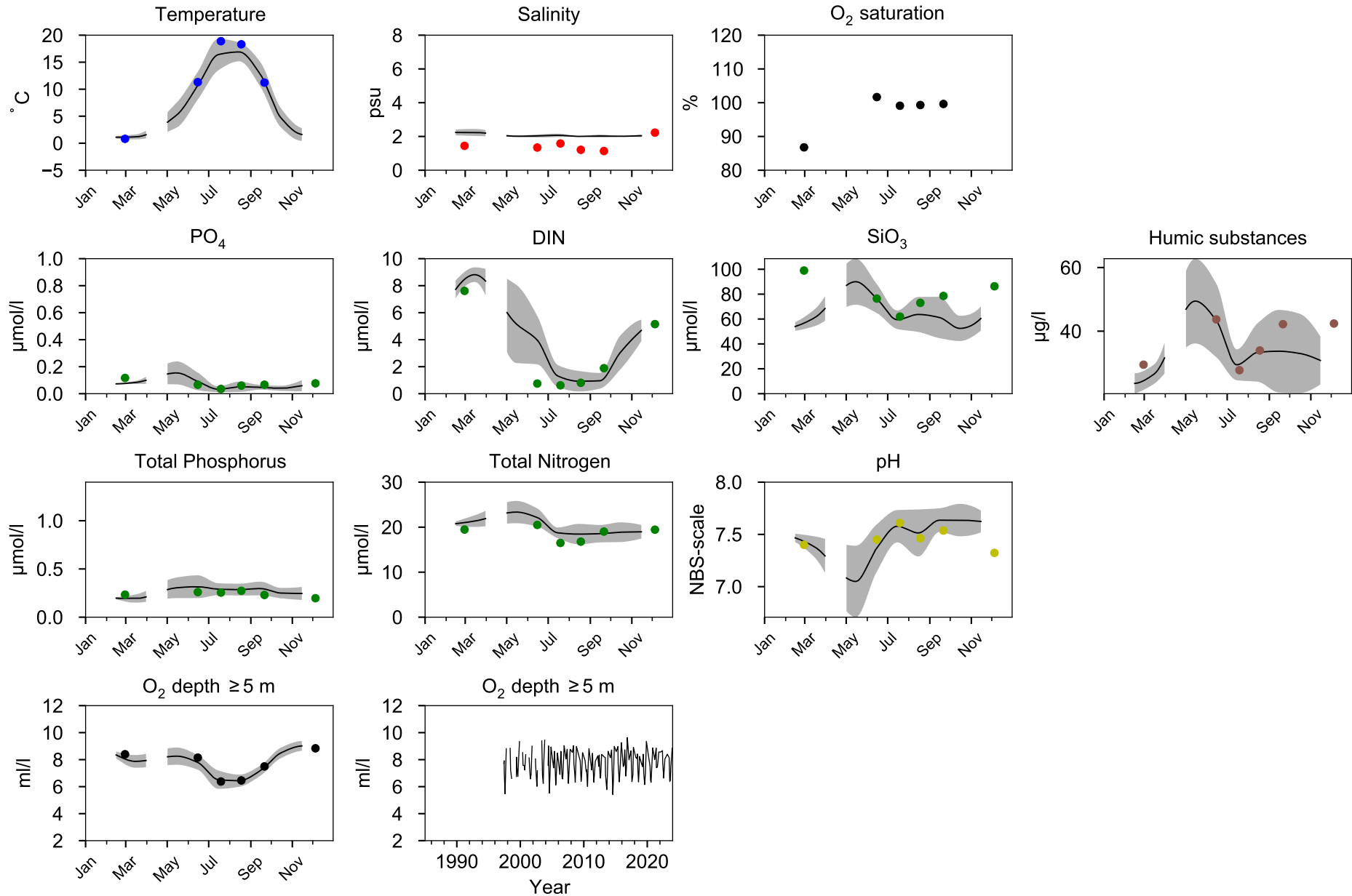
STATION P2 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



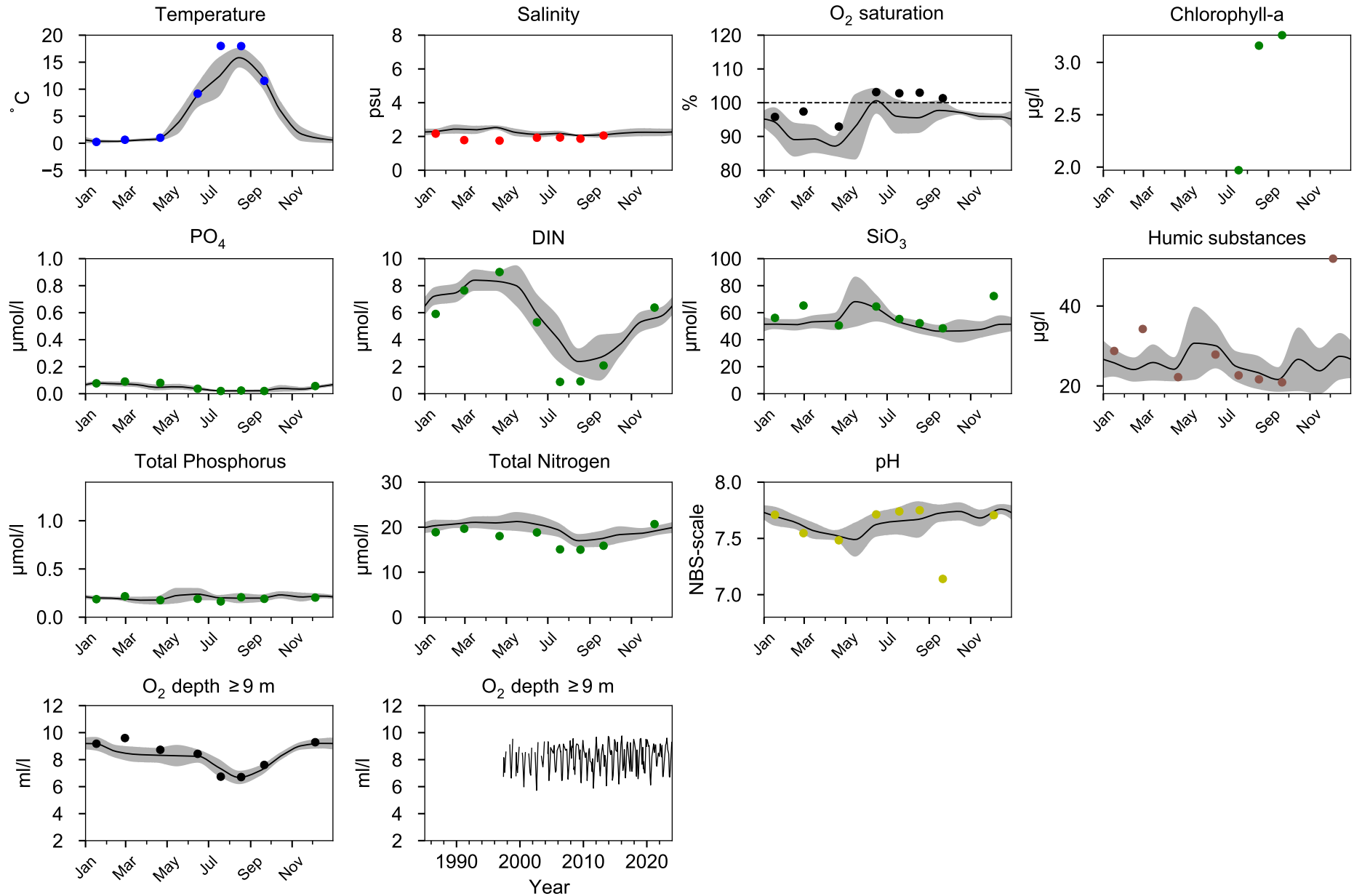
STATION RÂNEA-1 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



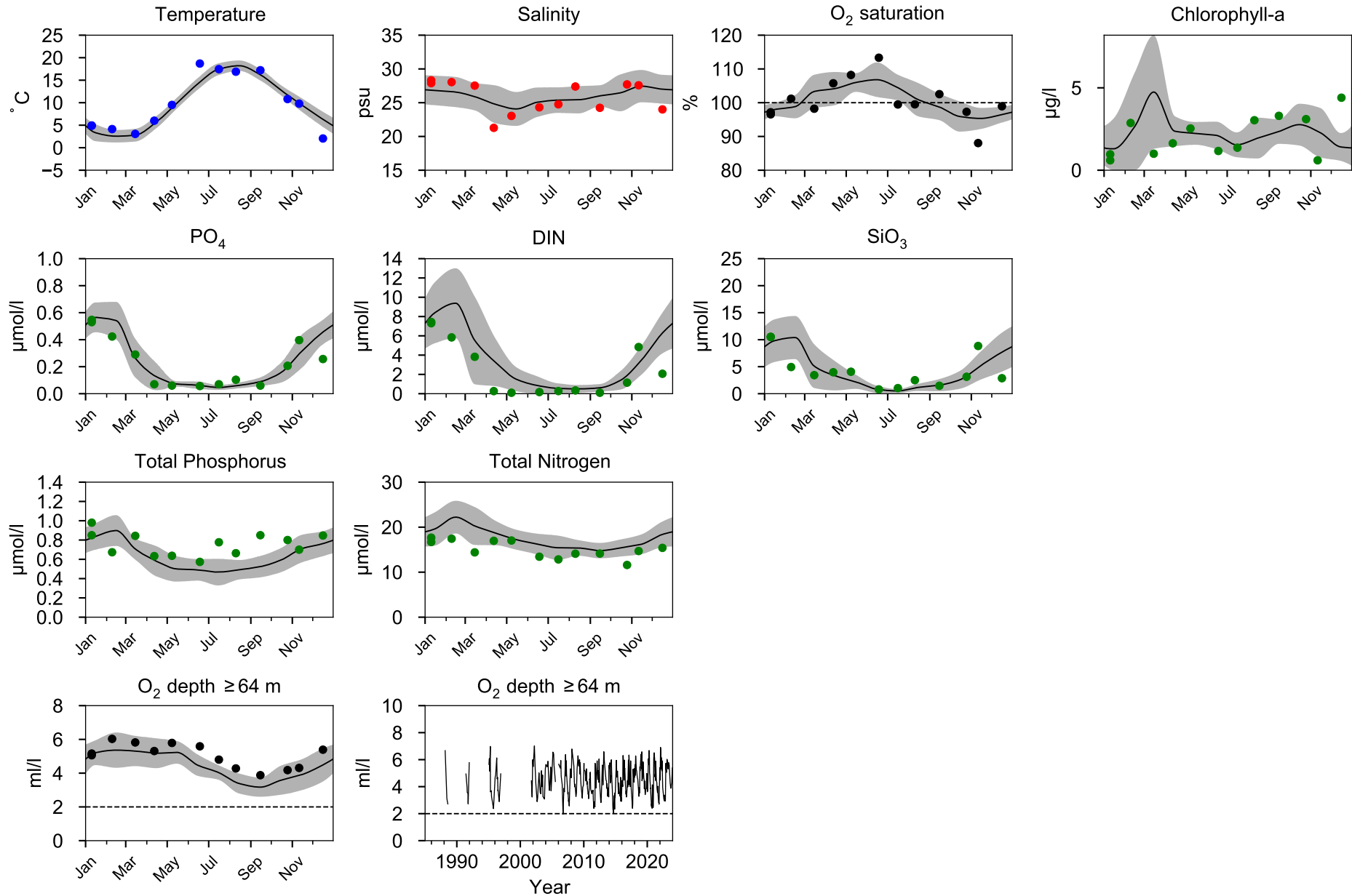
STATION RÂNEA-2 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



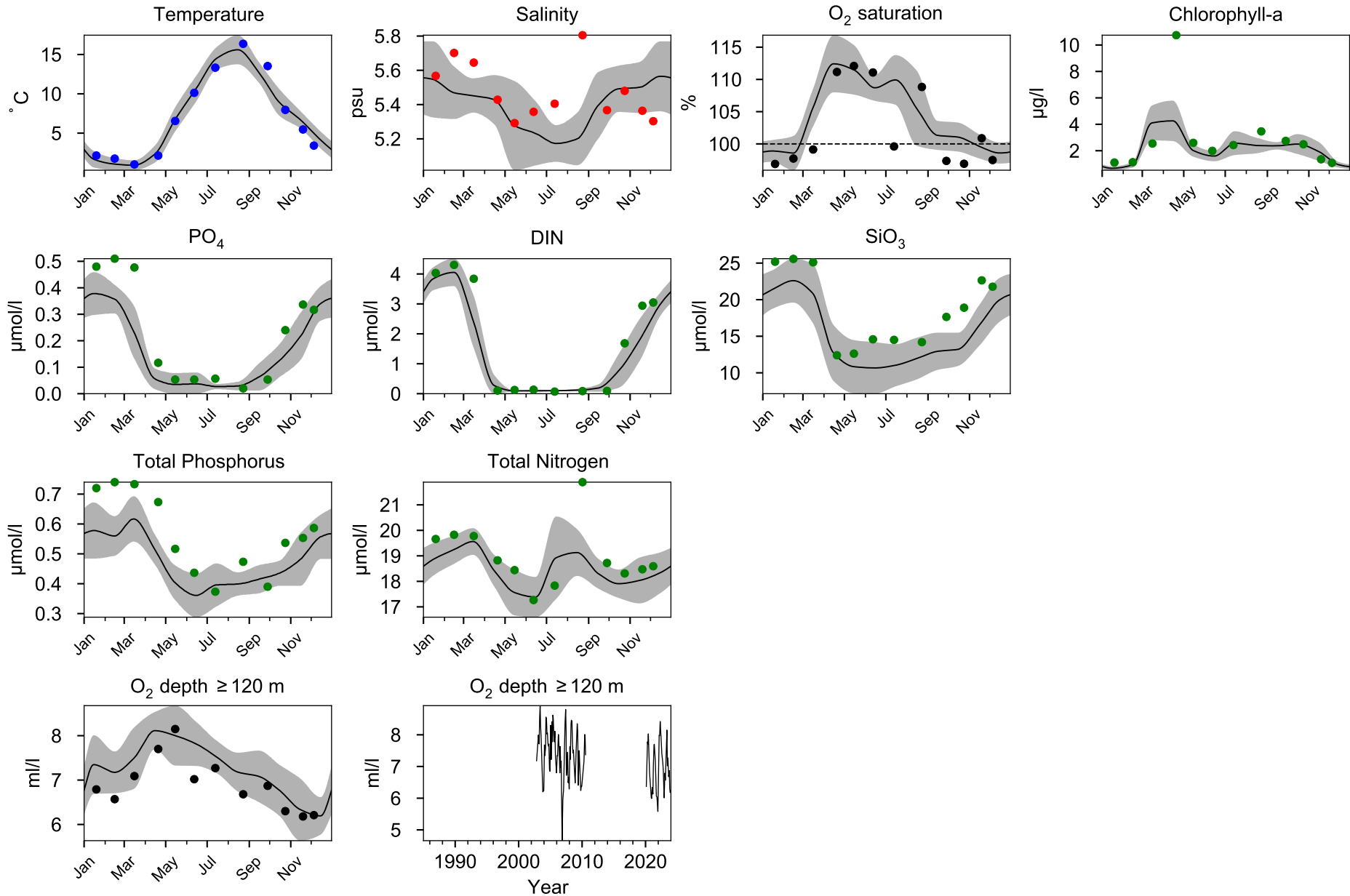
STATION SLÄGGÖ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



STATION U19 NORRA RANDEN SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023



STATION W LANDSKRONA SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2023

