

Appendix I

Seasonal cycles from monthly and high frequency stations sampled in 2022.

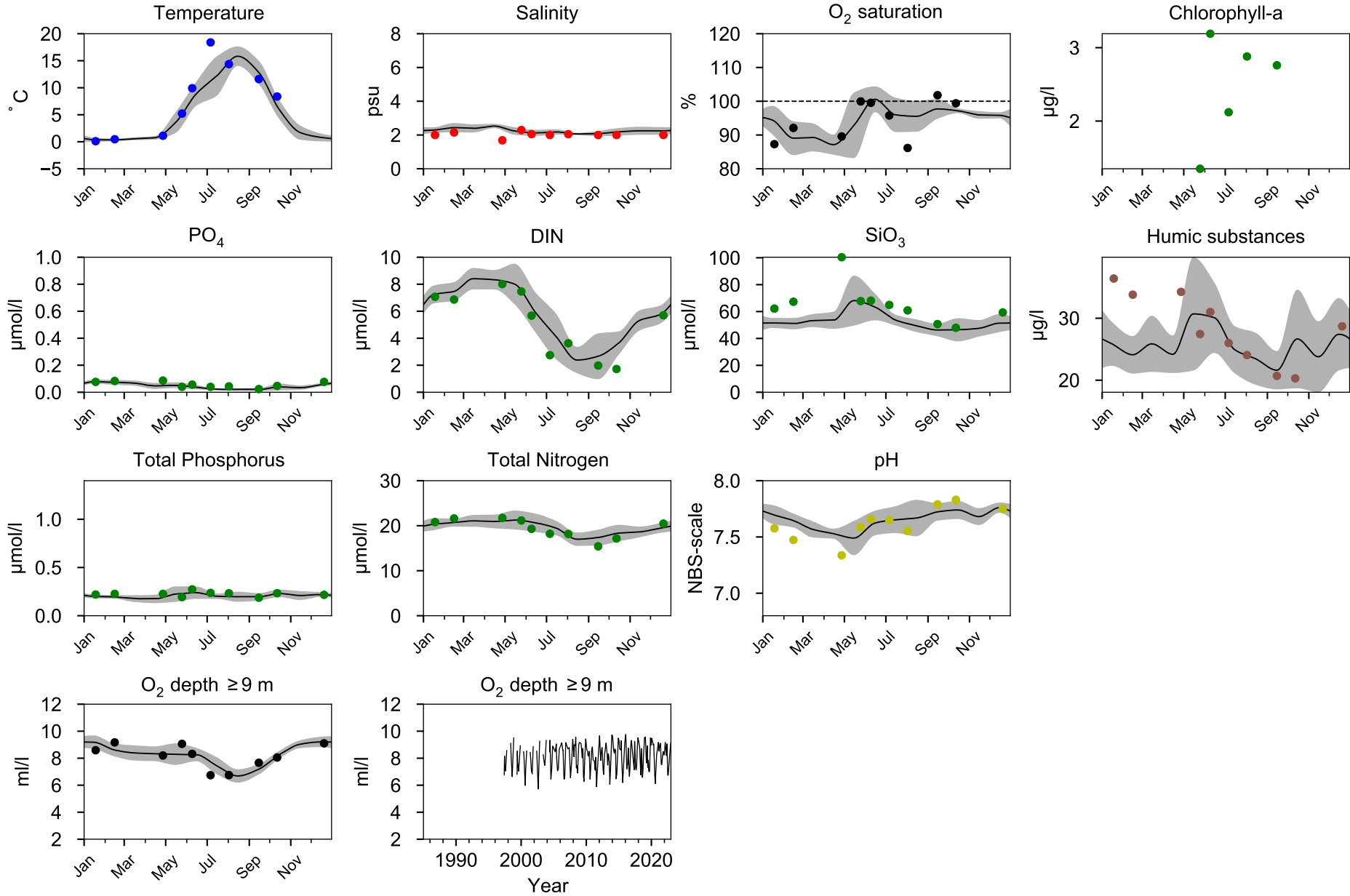
Surface water (0-10 m): Monthly measurements (dots) during 2022 are shown in relation to average value for the period 1991-2020 (black line) and +/- 1 standard deviation (grey area). Missing black line and grey area indicates that there are too few data in the period 1991-2020 to calculate statistics.

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.

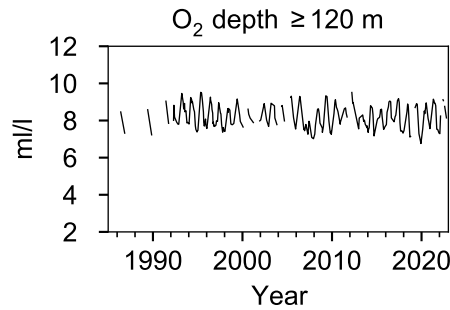
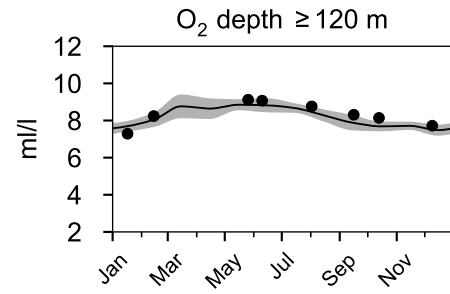
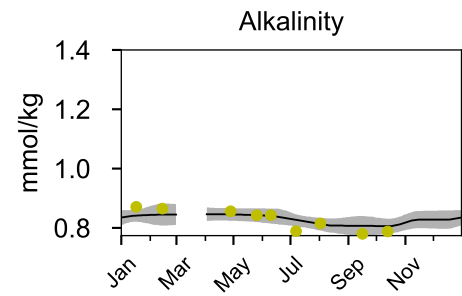
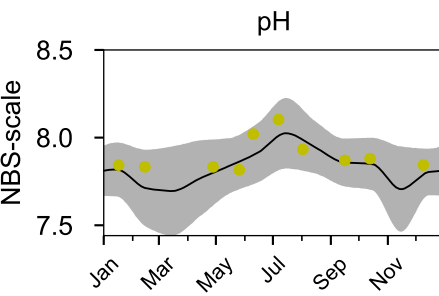
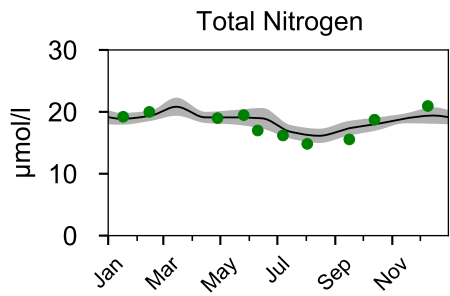
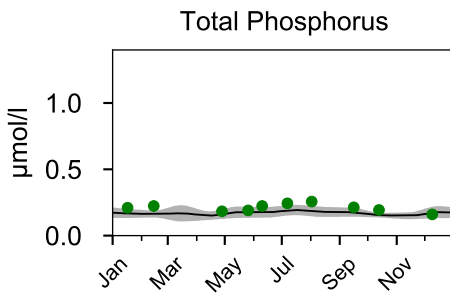
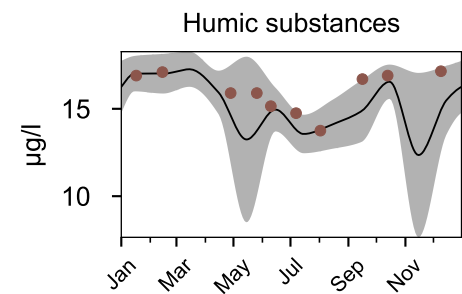
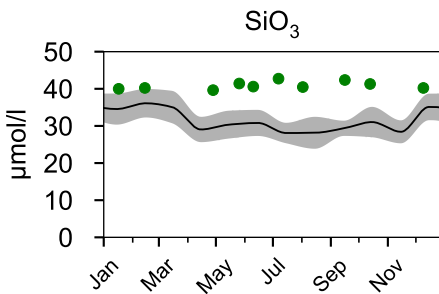
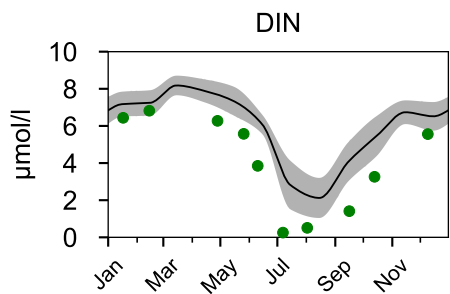
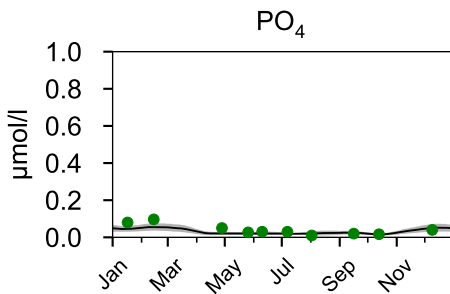
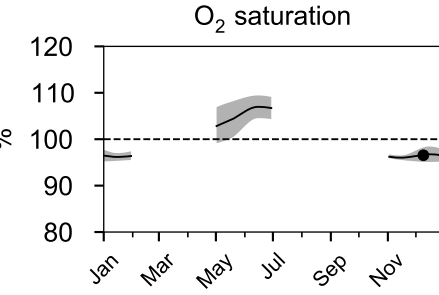
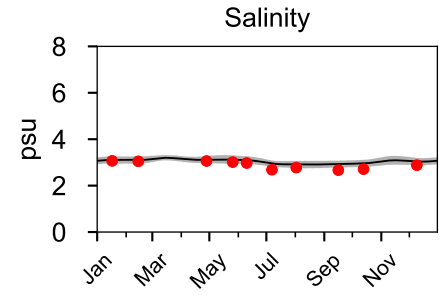
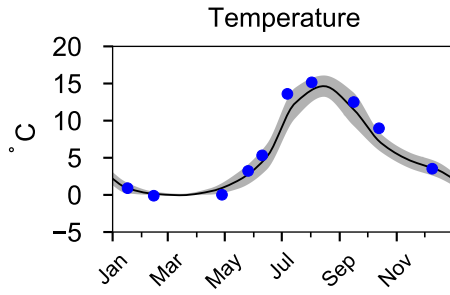
STATION RÂNEA-2 SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2022



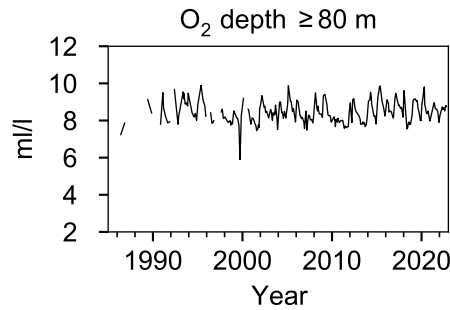
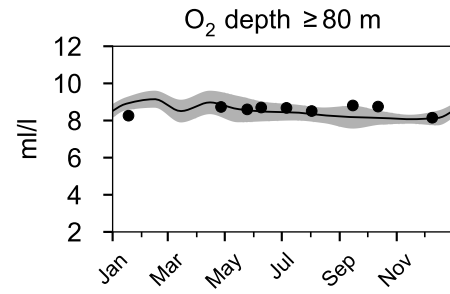
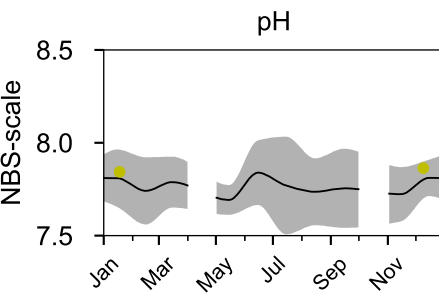
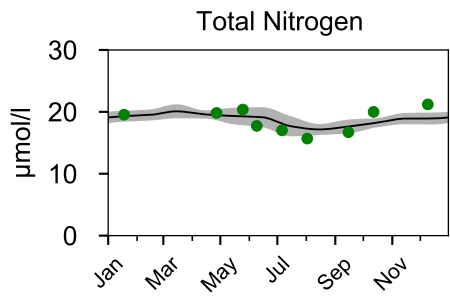
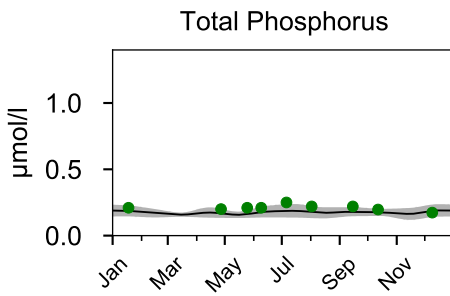
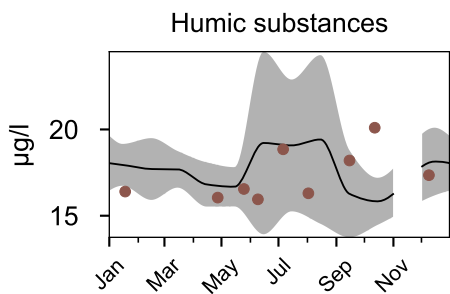
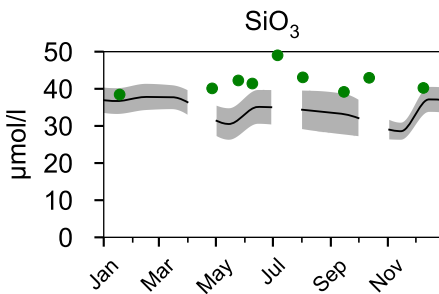
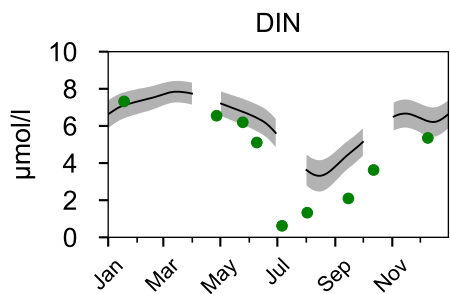
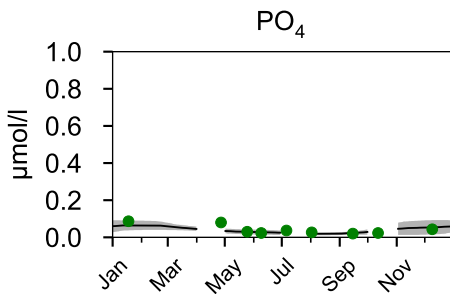
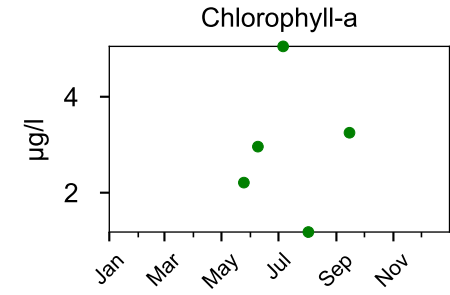
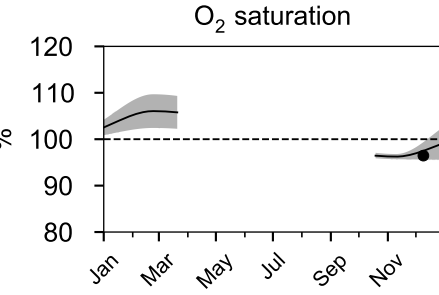
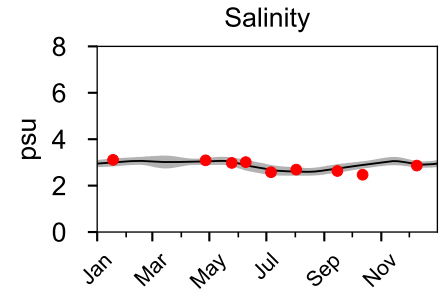
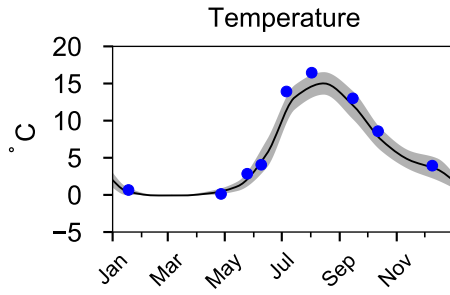
STATION F9 / A13 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



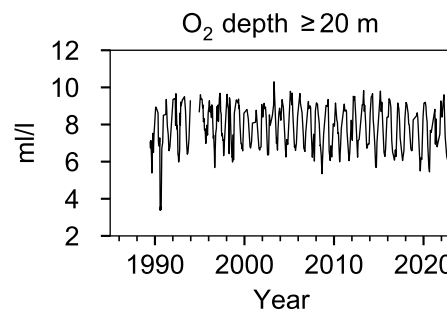
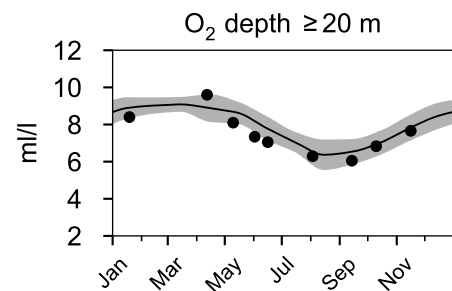
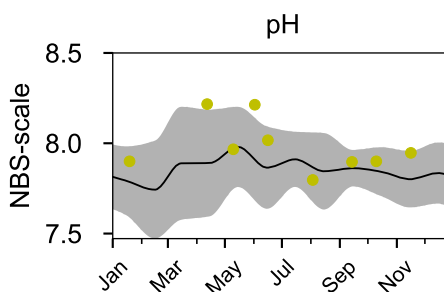
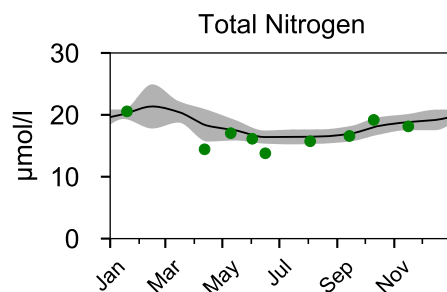
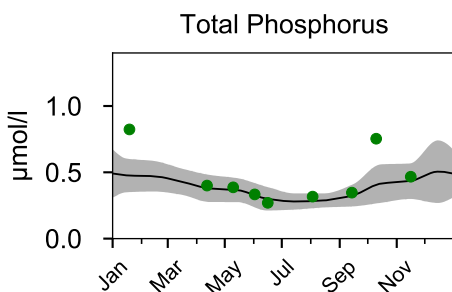
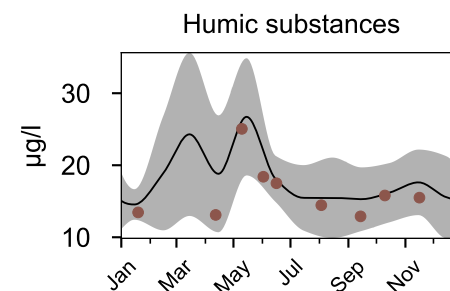
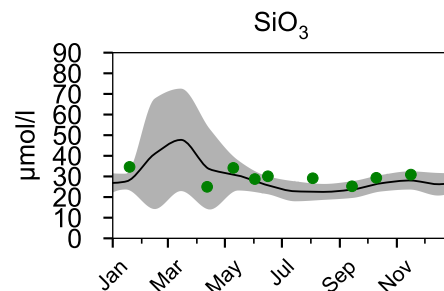
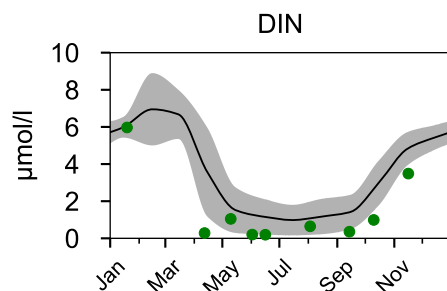
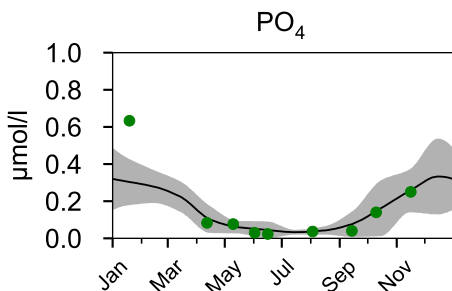
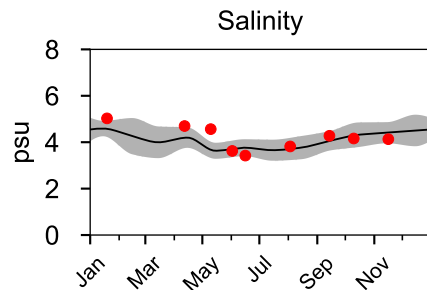
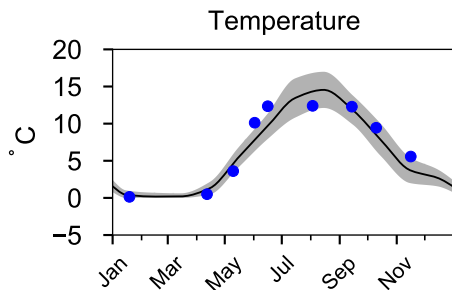
STATION F3 / A5 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



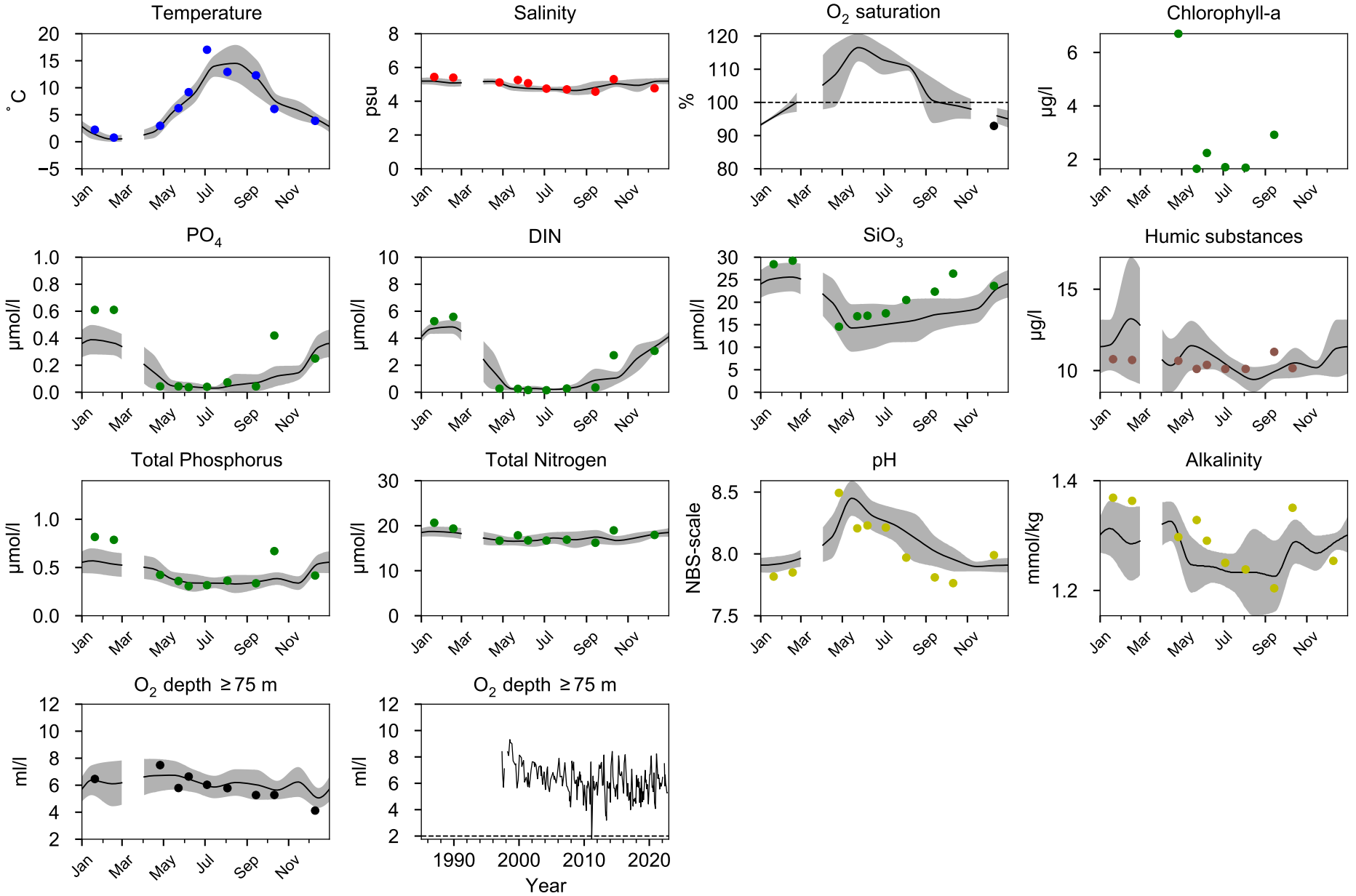
STATION NB1 / B3 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



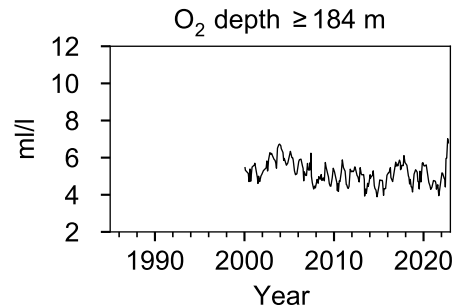
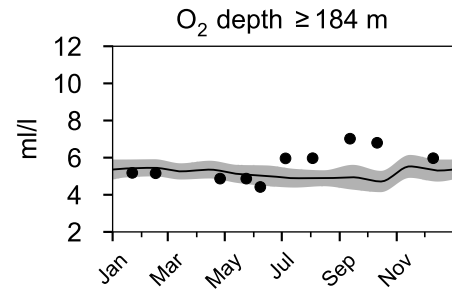
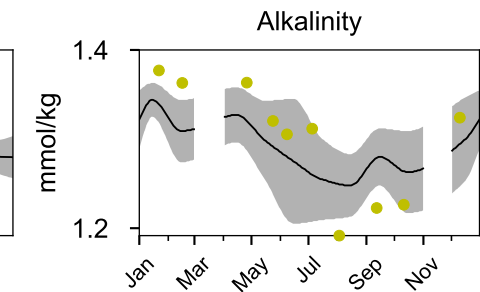
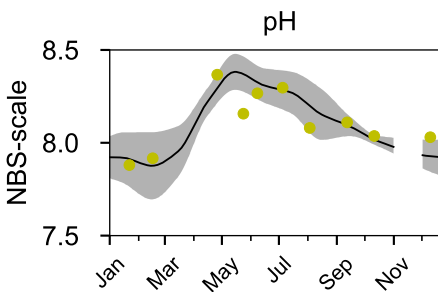
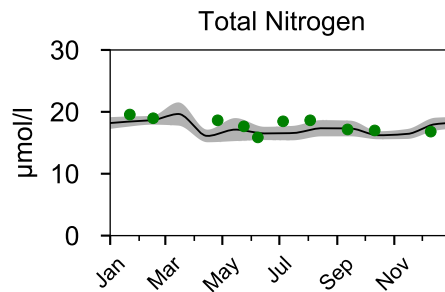
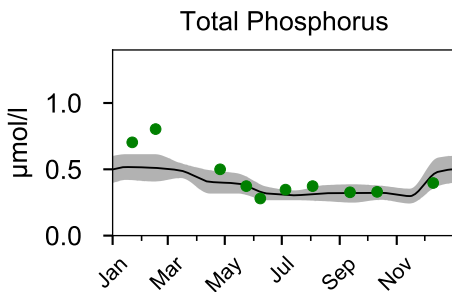
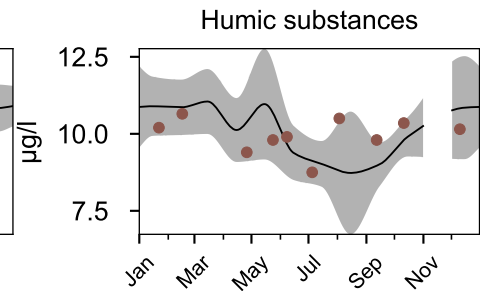
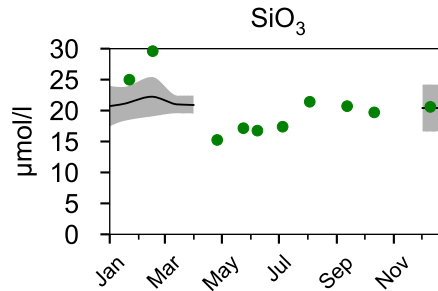
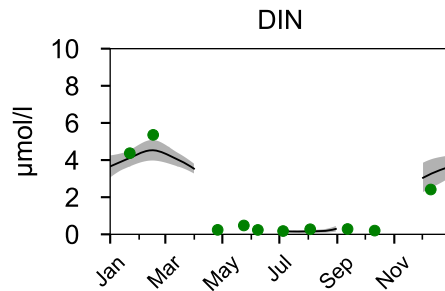
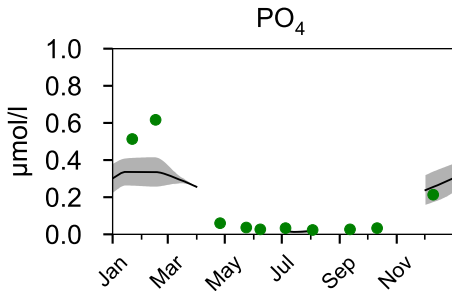
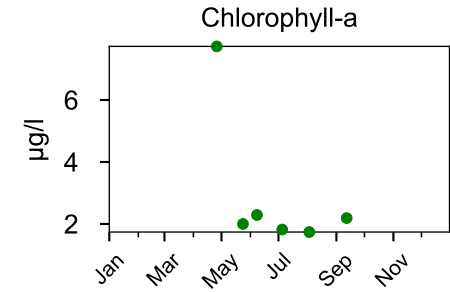
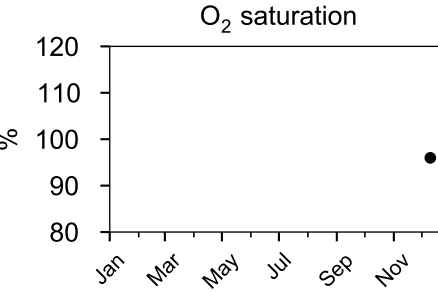
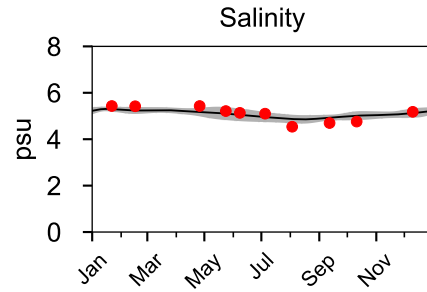
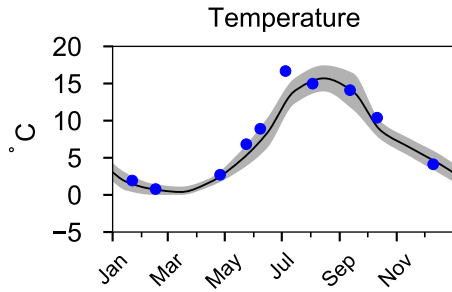
STATION GAVIK-1 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



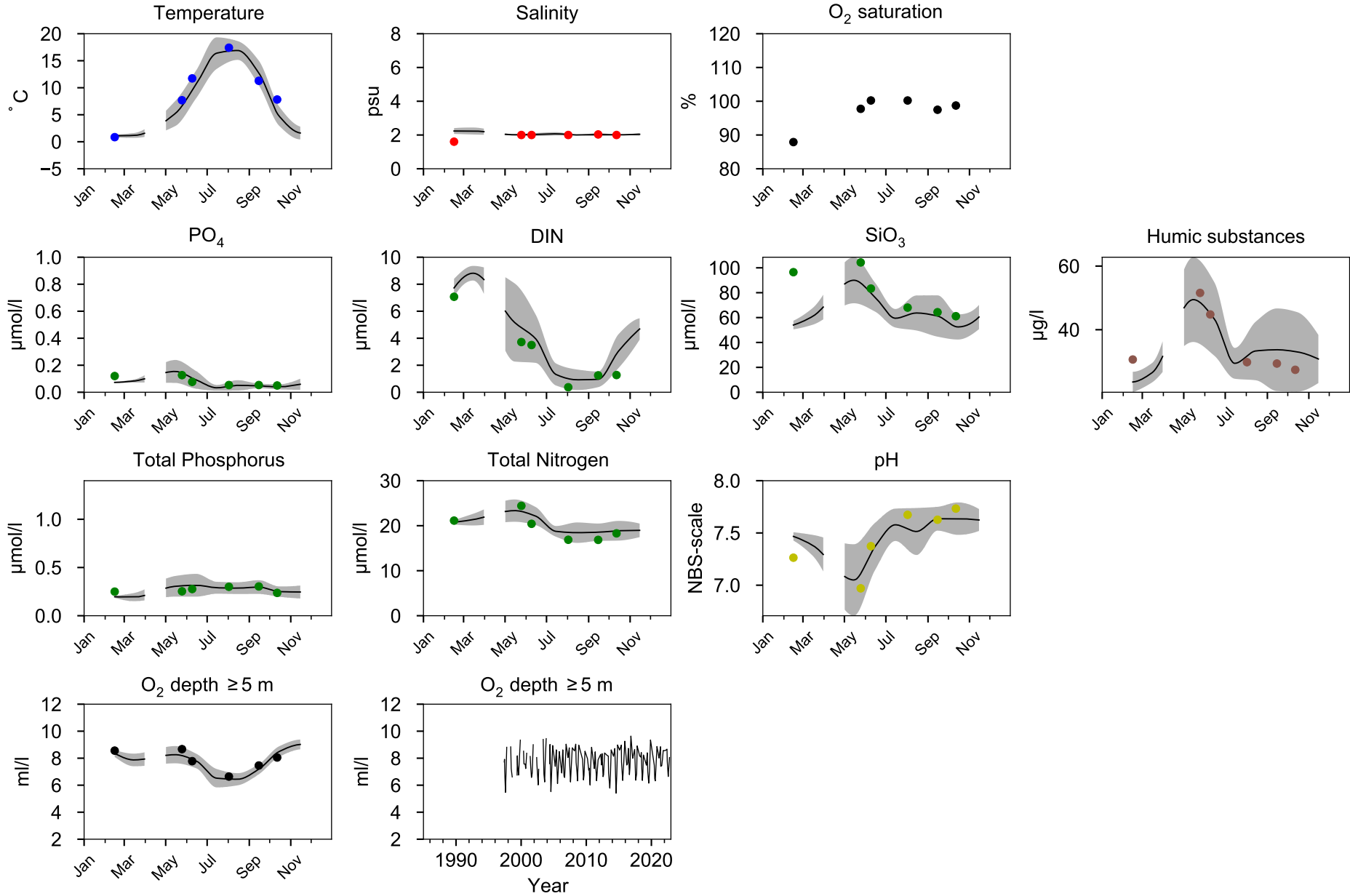
STATION C3 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



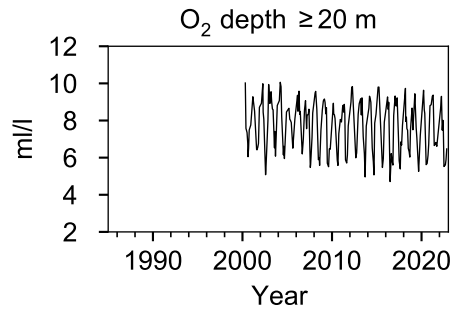
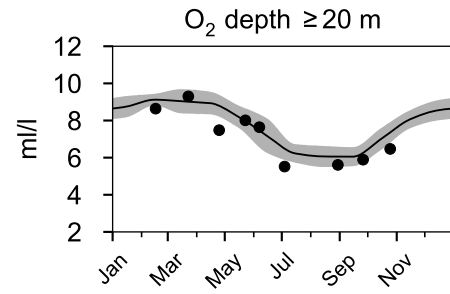
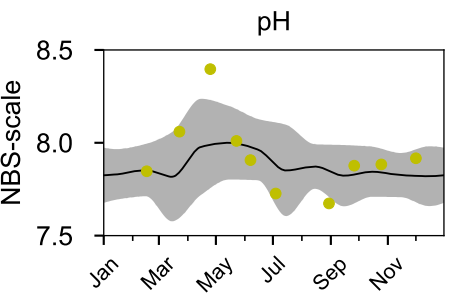
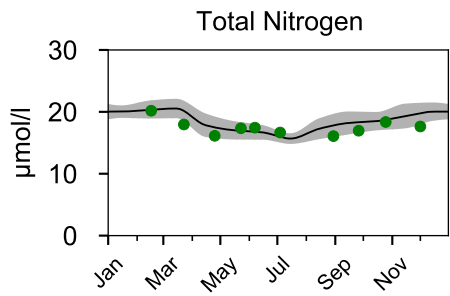
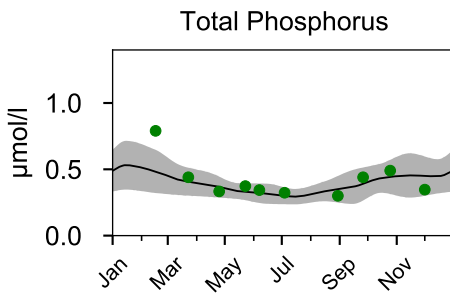
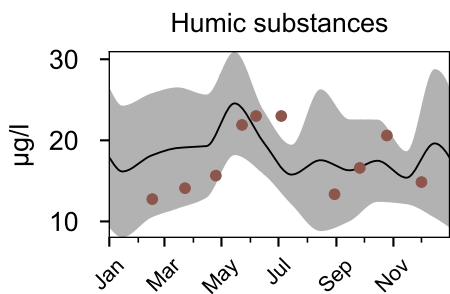
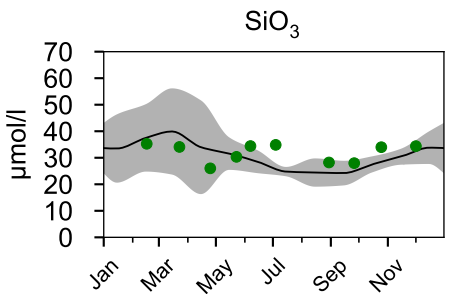
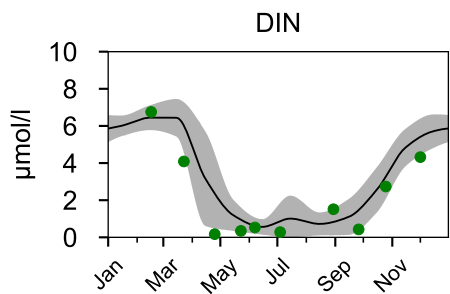
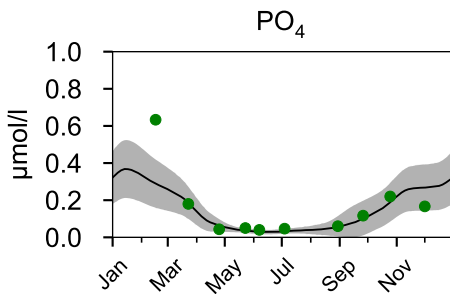
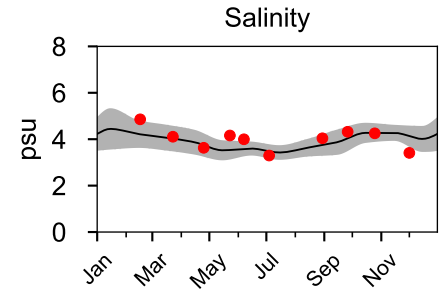
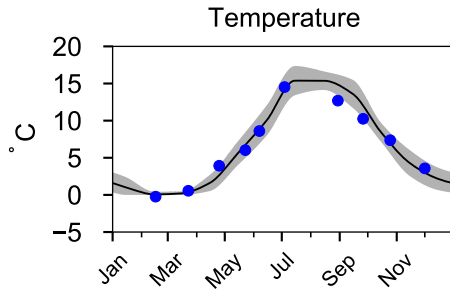
STATION RÂNEA-1 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



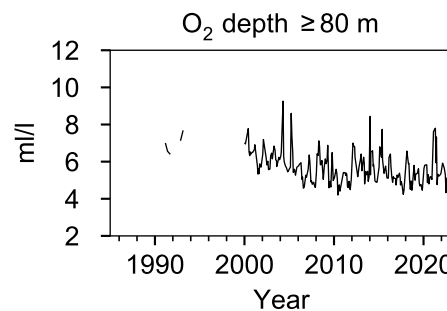
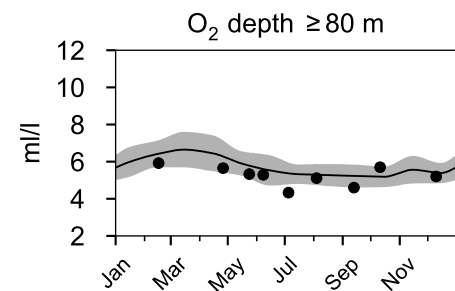
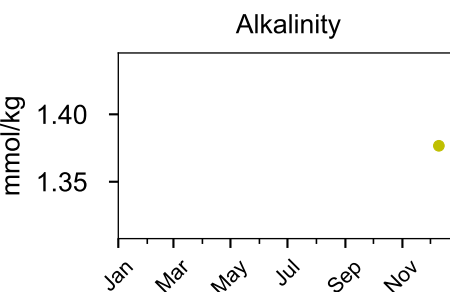
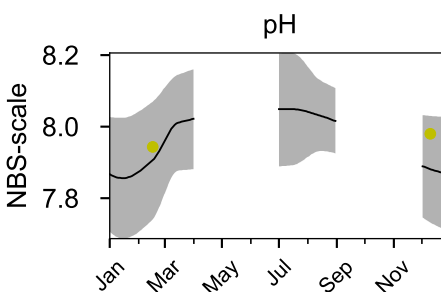
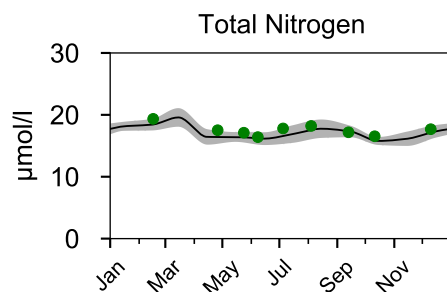
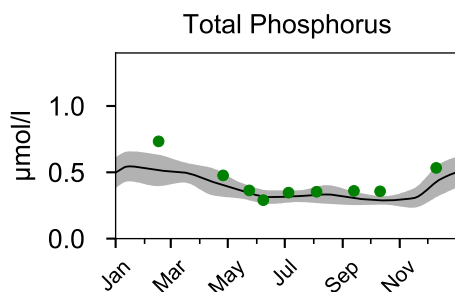
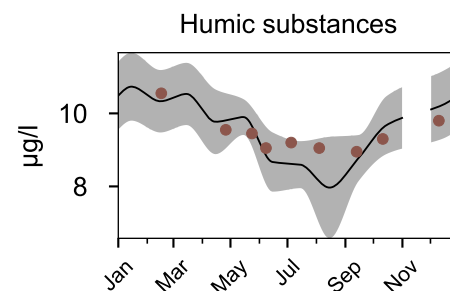
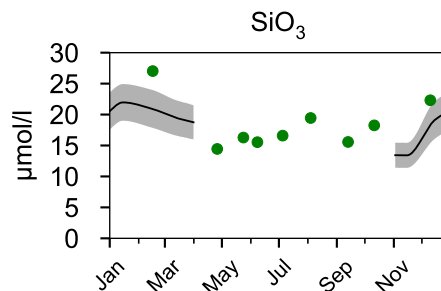
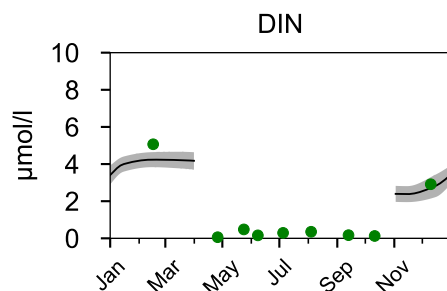
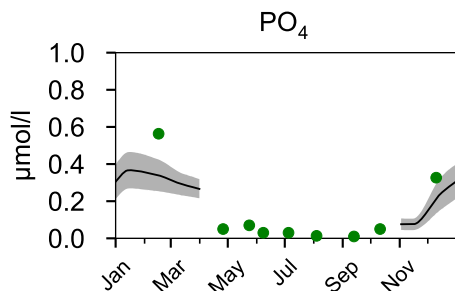
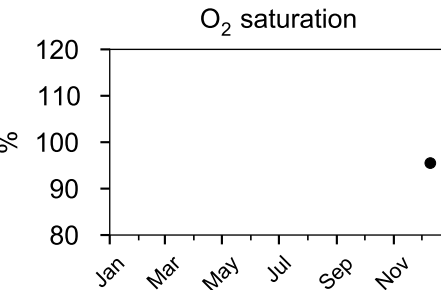
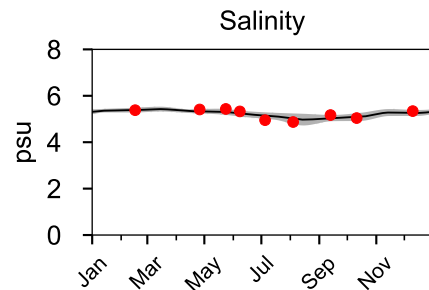
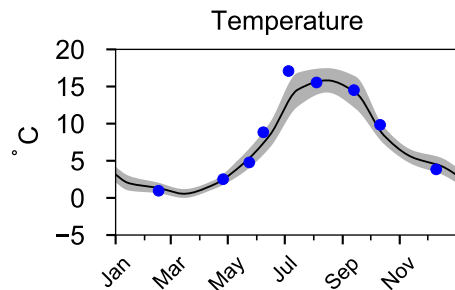
STATION B7 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



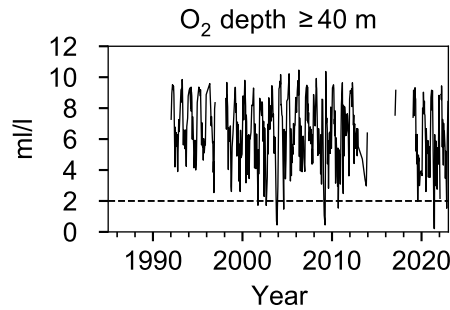
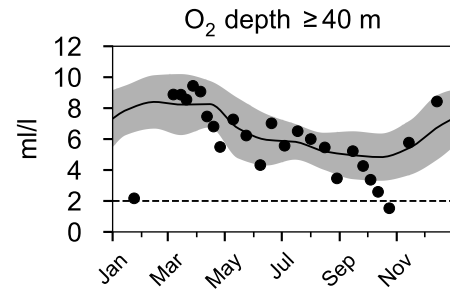
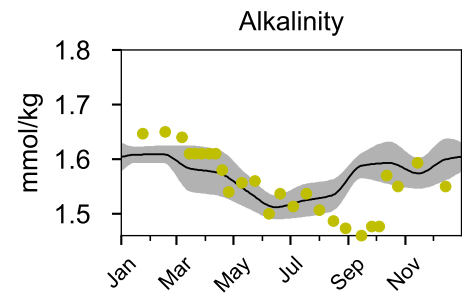
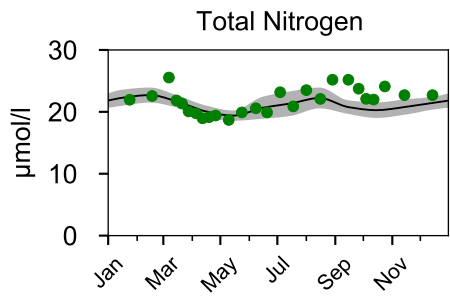
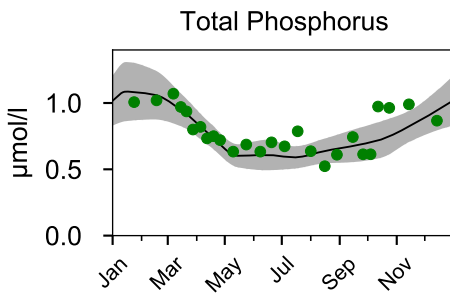
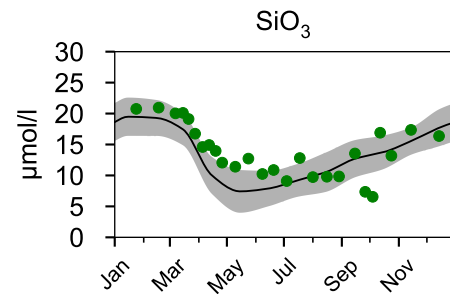
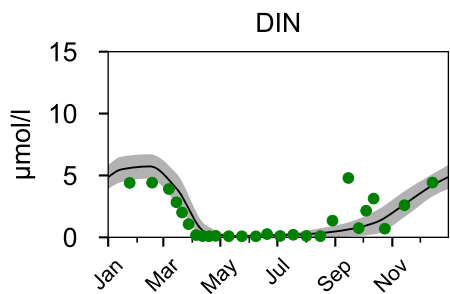
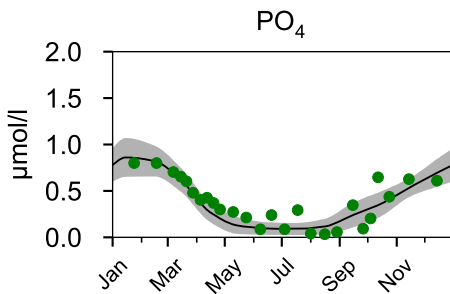
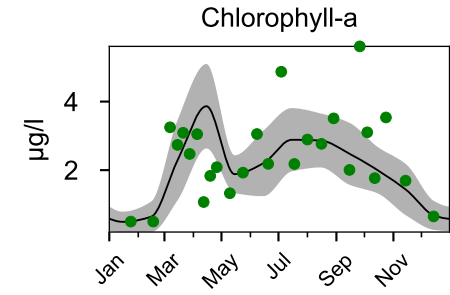
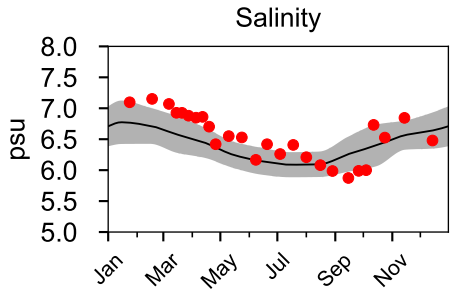
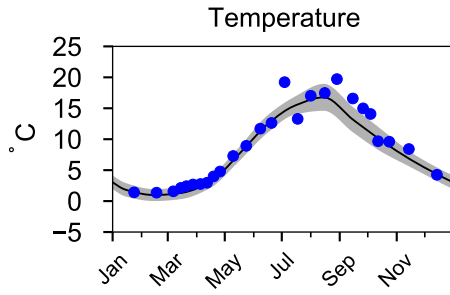
STATION MS4 / C14 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



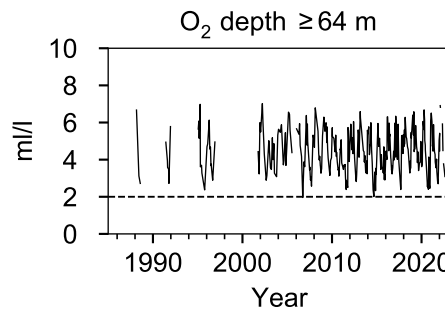
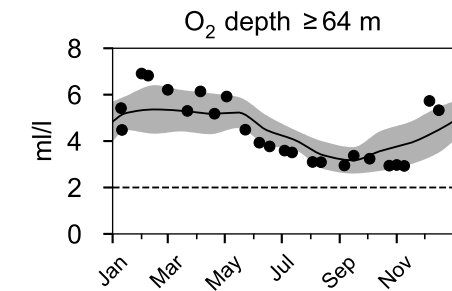
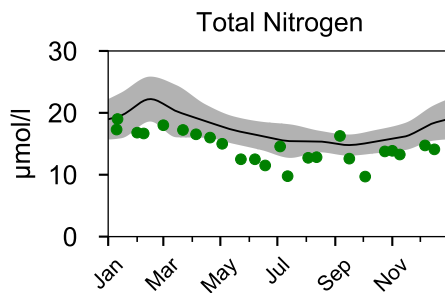
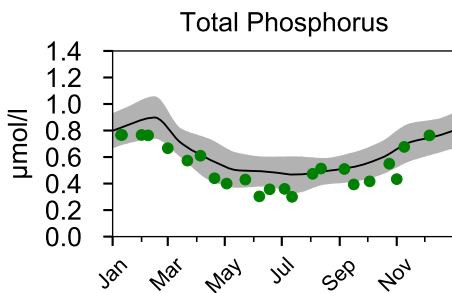
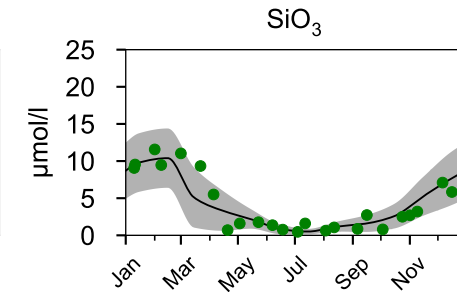
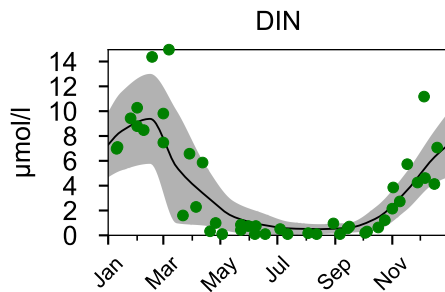
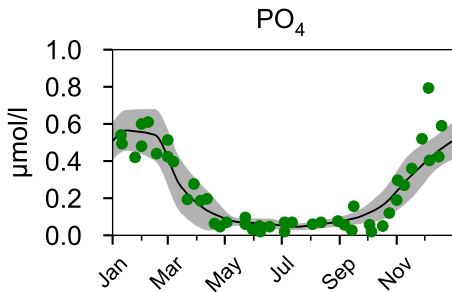
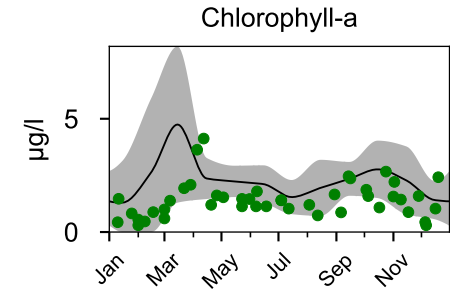
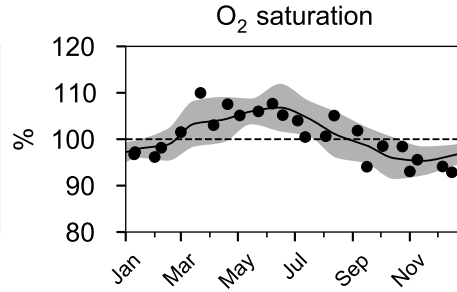
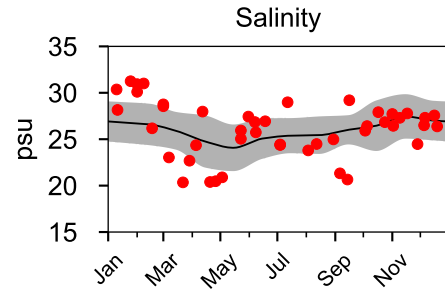
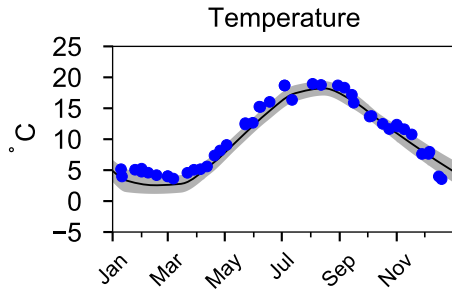
STATION B1 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



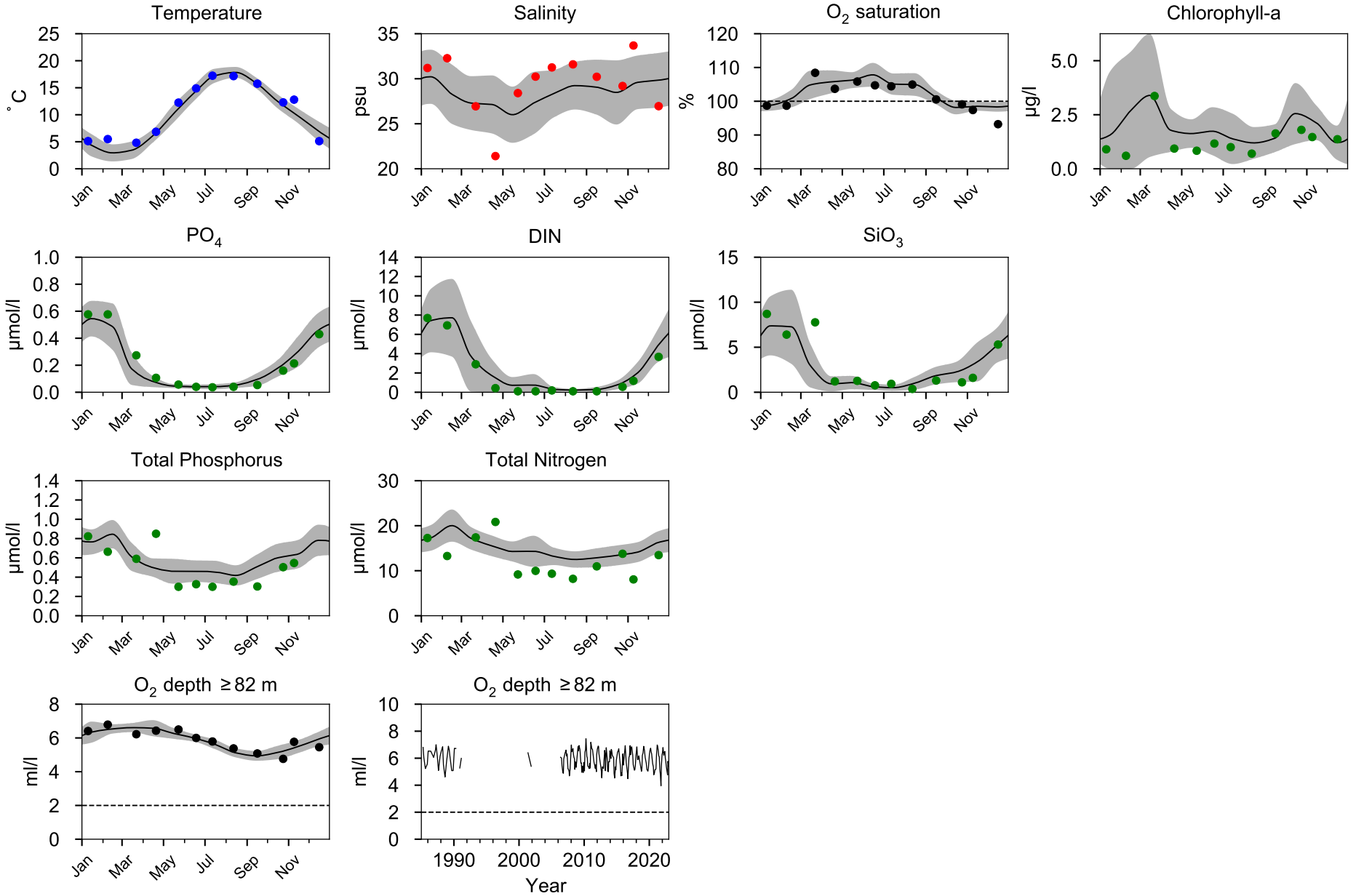
STATION SLÄGGÖ SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



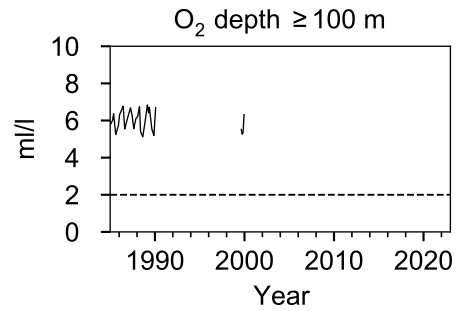
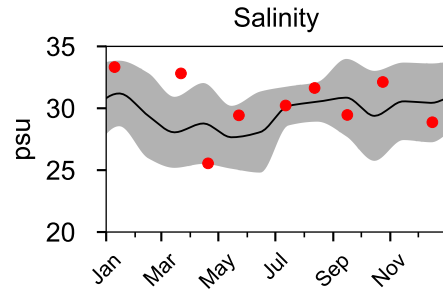
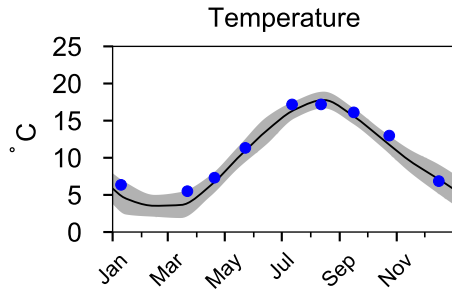
STATION Å13 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



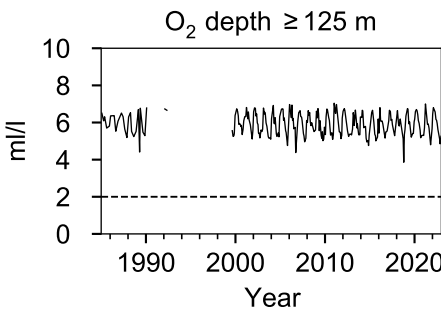
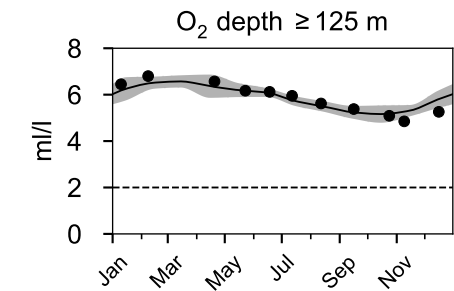
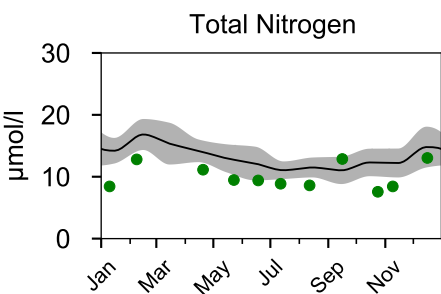
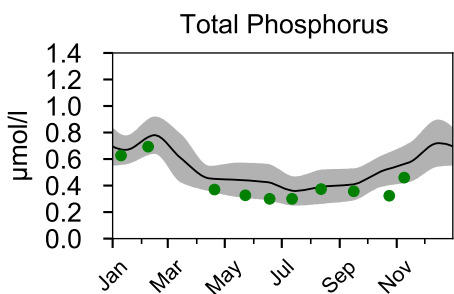
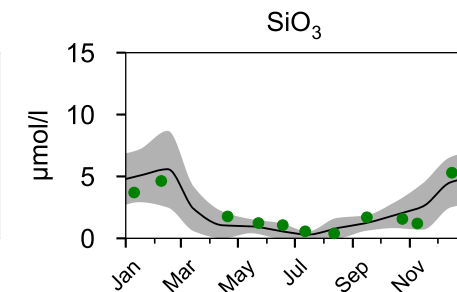
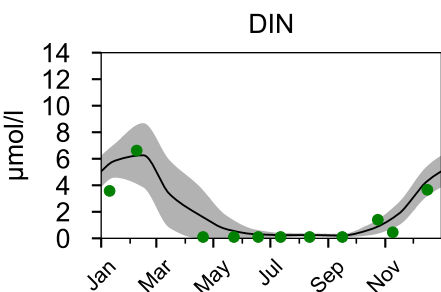
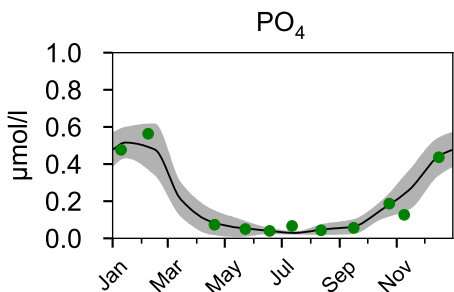
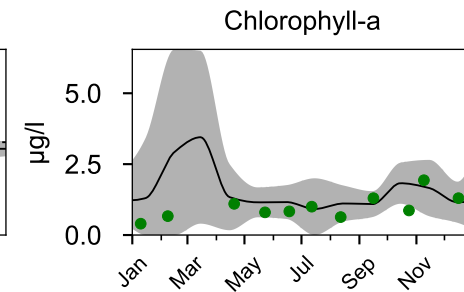
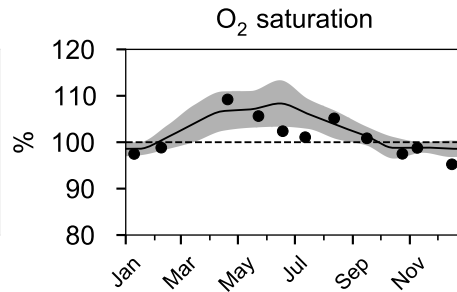
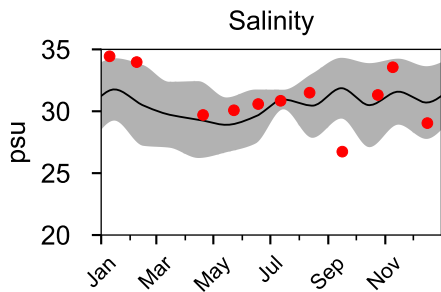
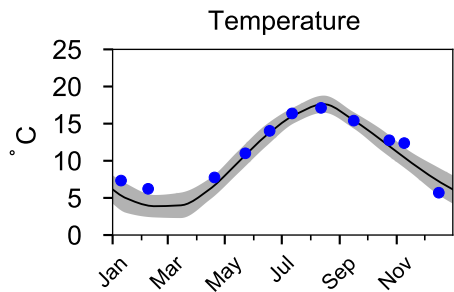
STATION Å14 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



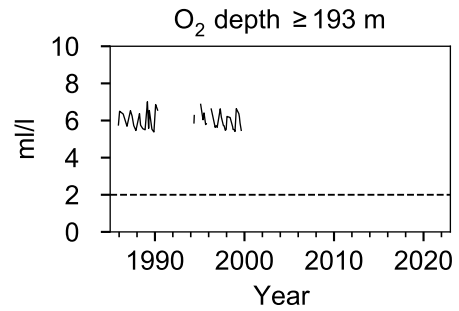
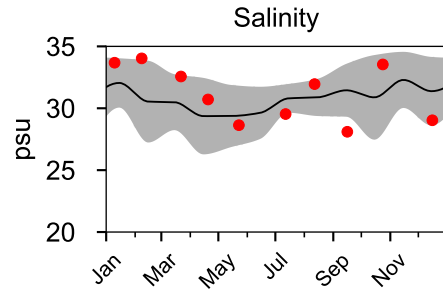
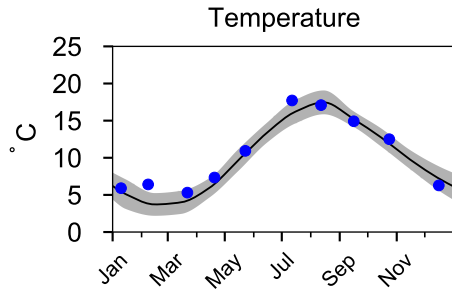
STATION Å15 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



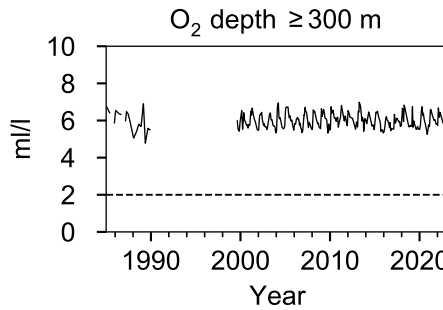
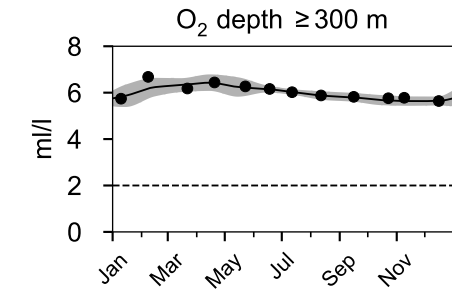
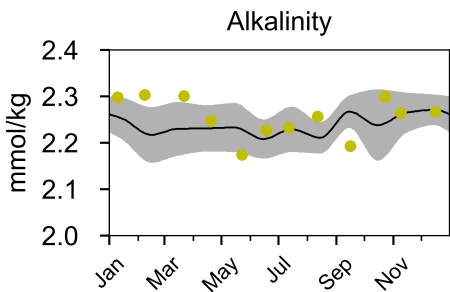
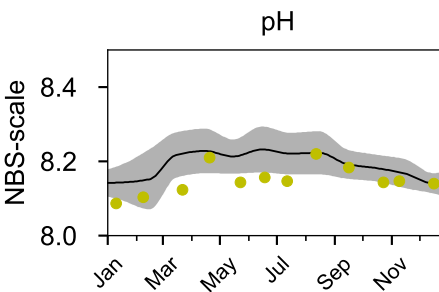
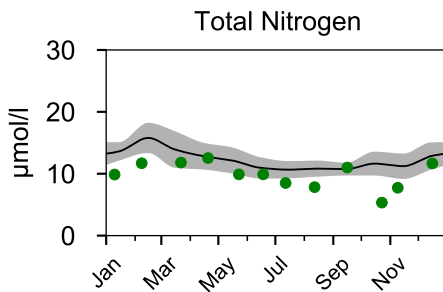
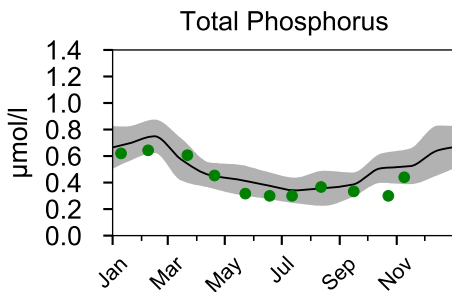
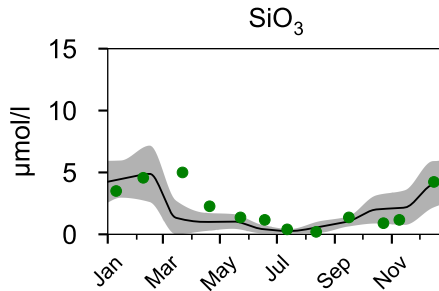
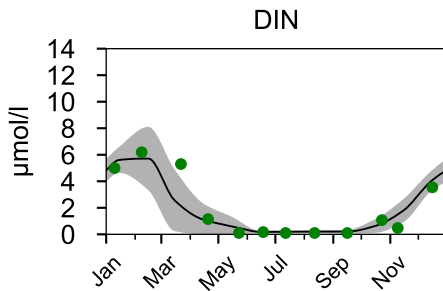
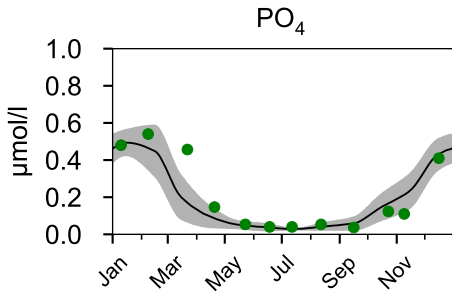
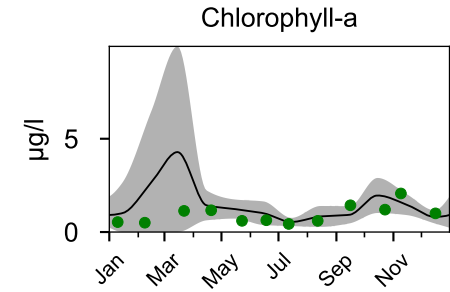
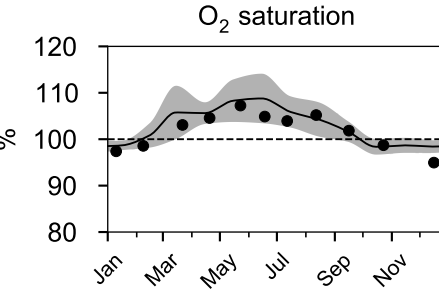
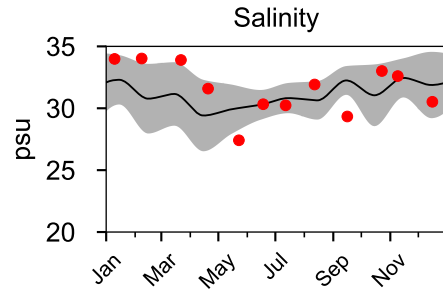
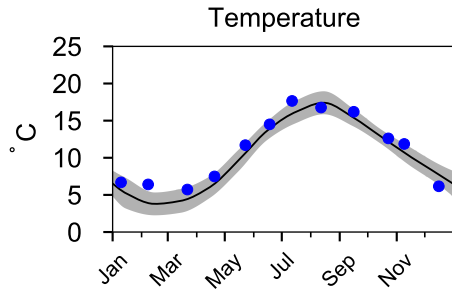
STATION Å16 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



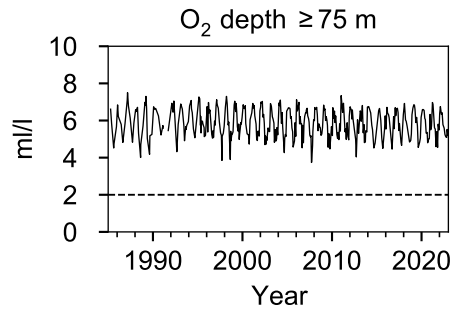
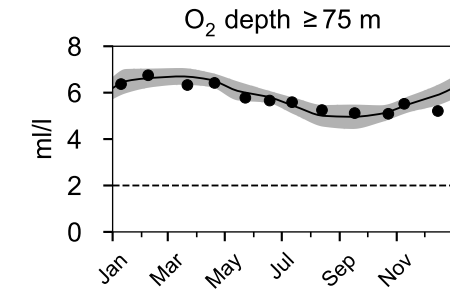
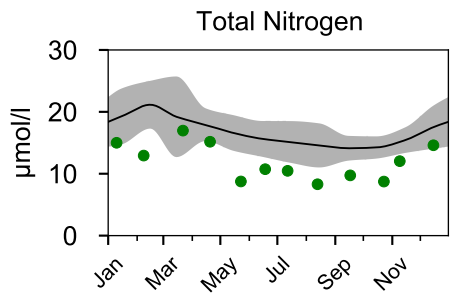
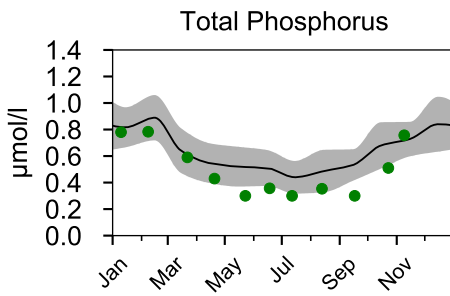
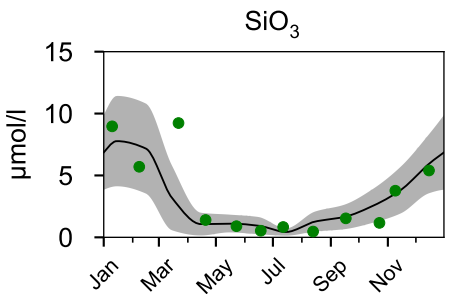
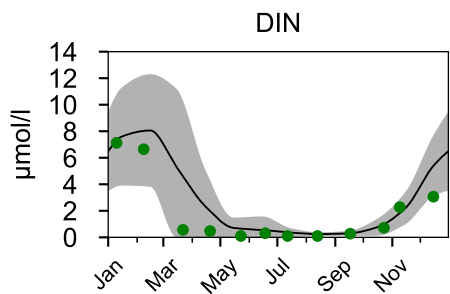
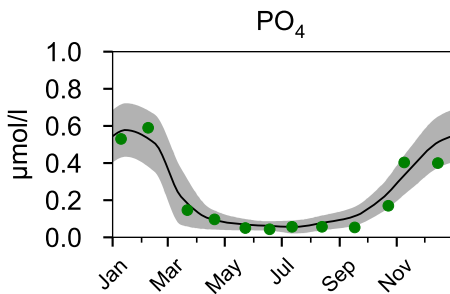
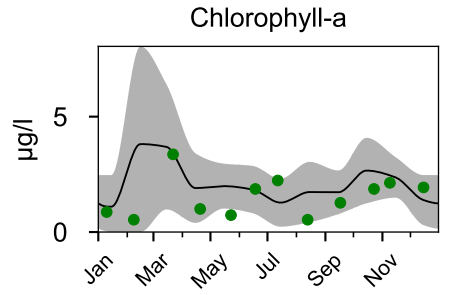
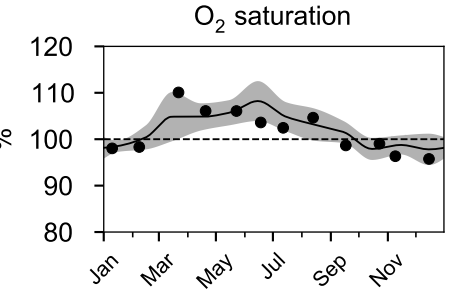
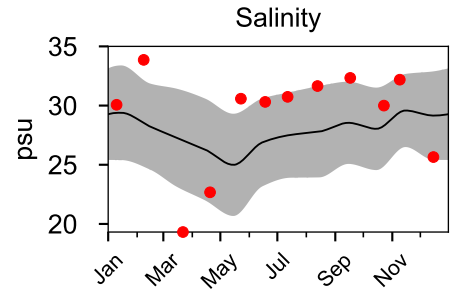
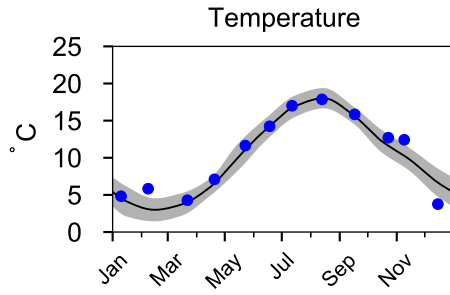
STATION Å17 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



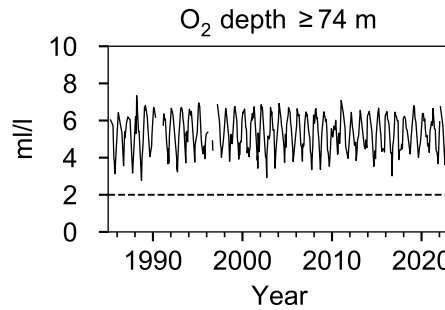
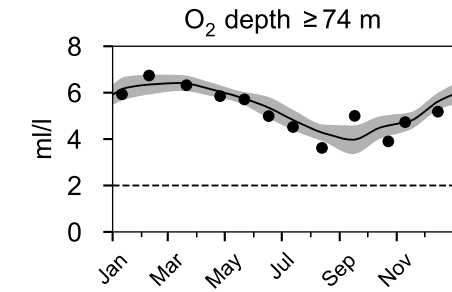
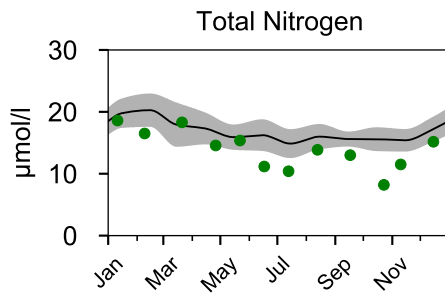
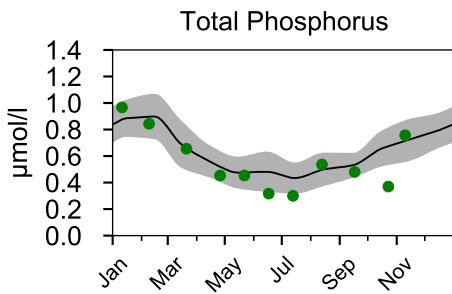
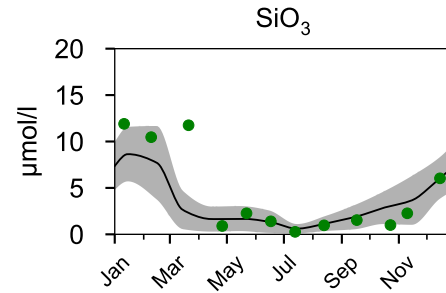
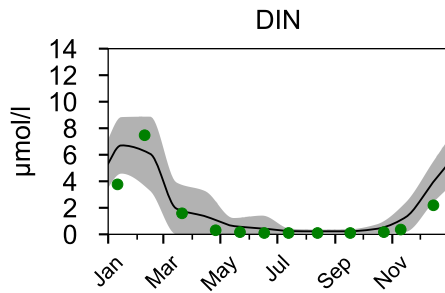
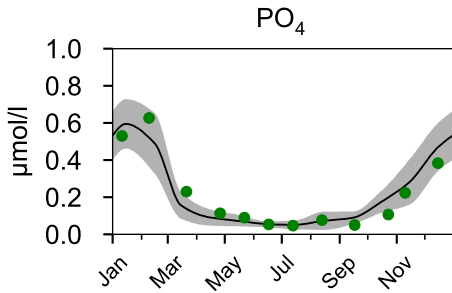
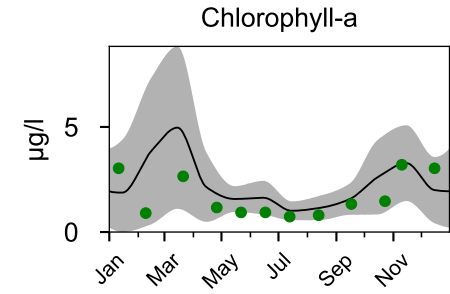
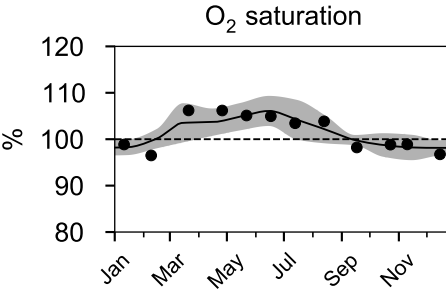
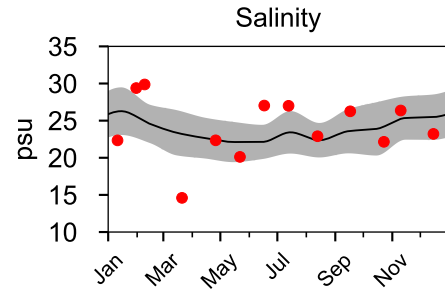
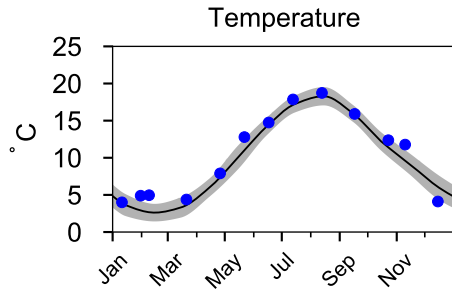
STATION P2 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



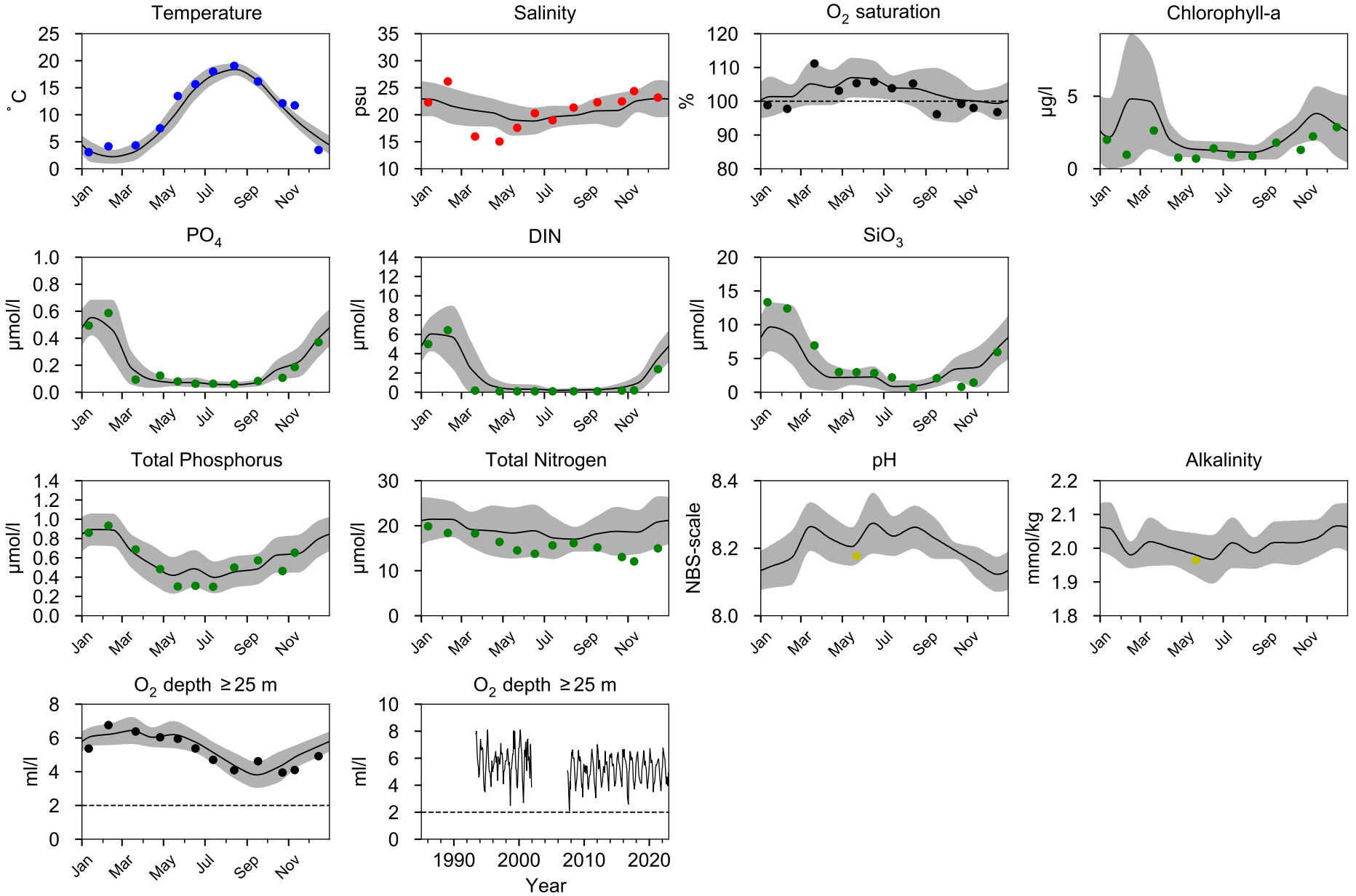
STATION FLADEN SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2022



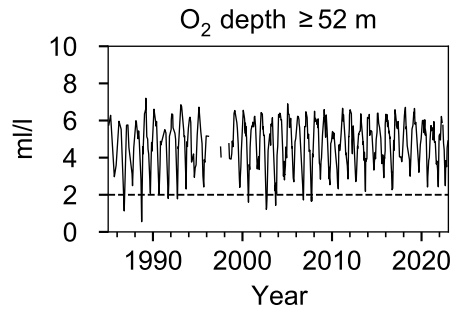
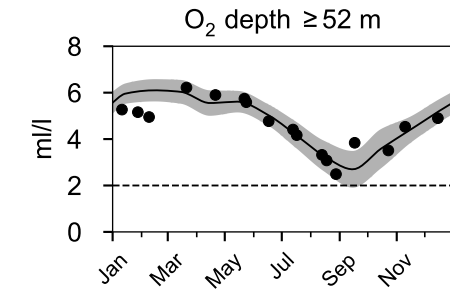
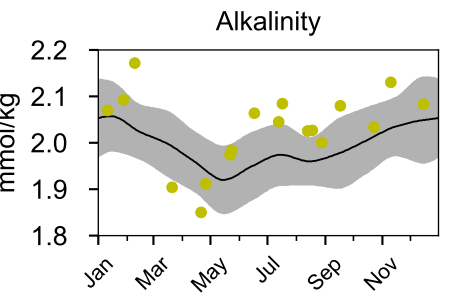
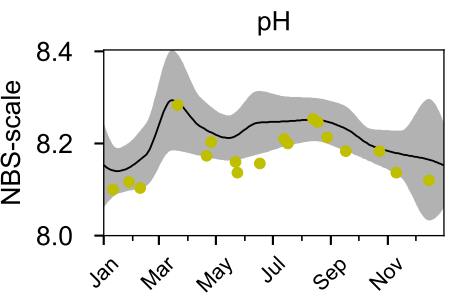
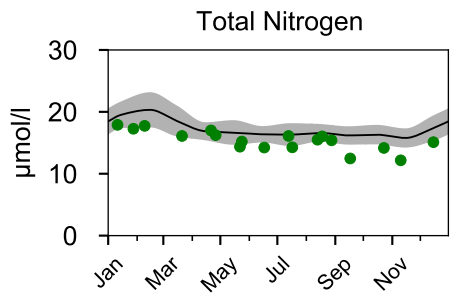
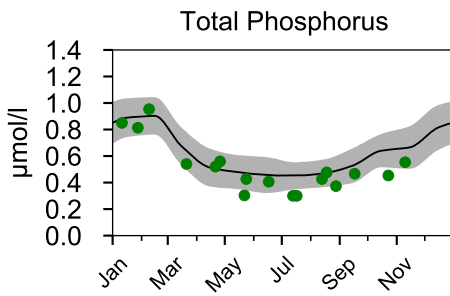
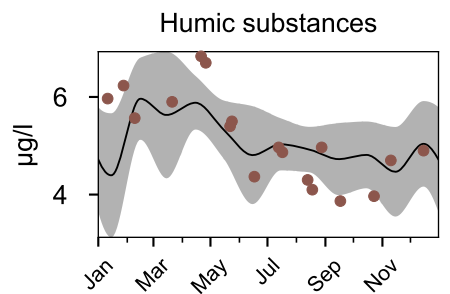
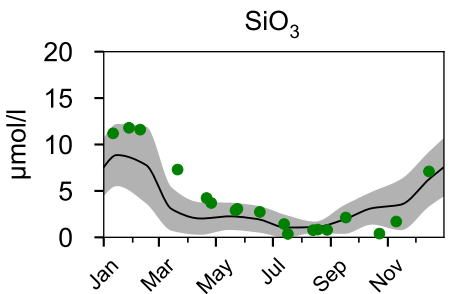
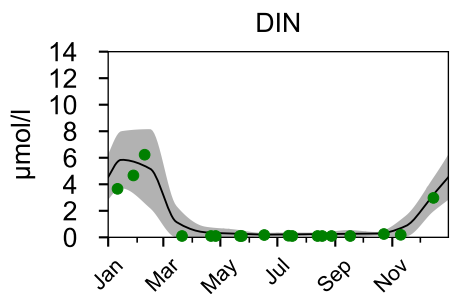
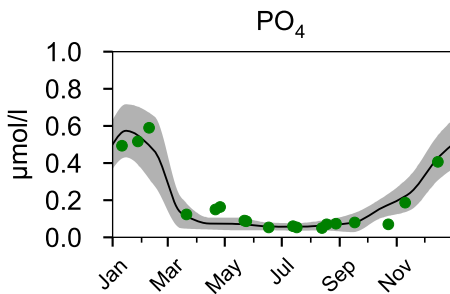
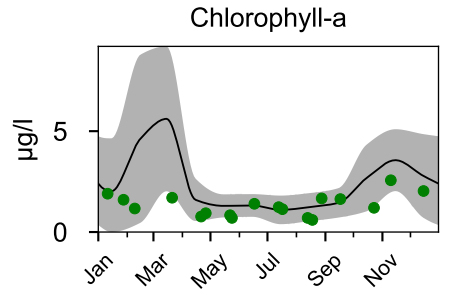
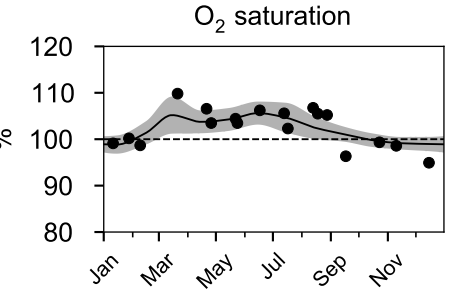
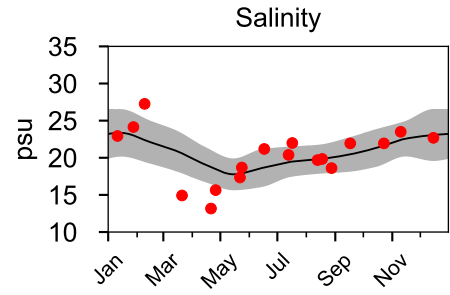
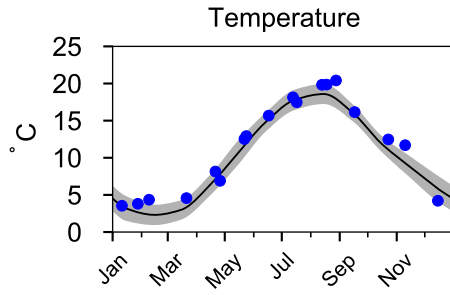
STATION N14 FALKENBERG SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



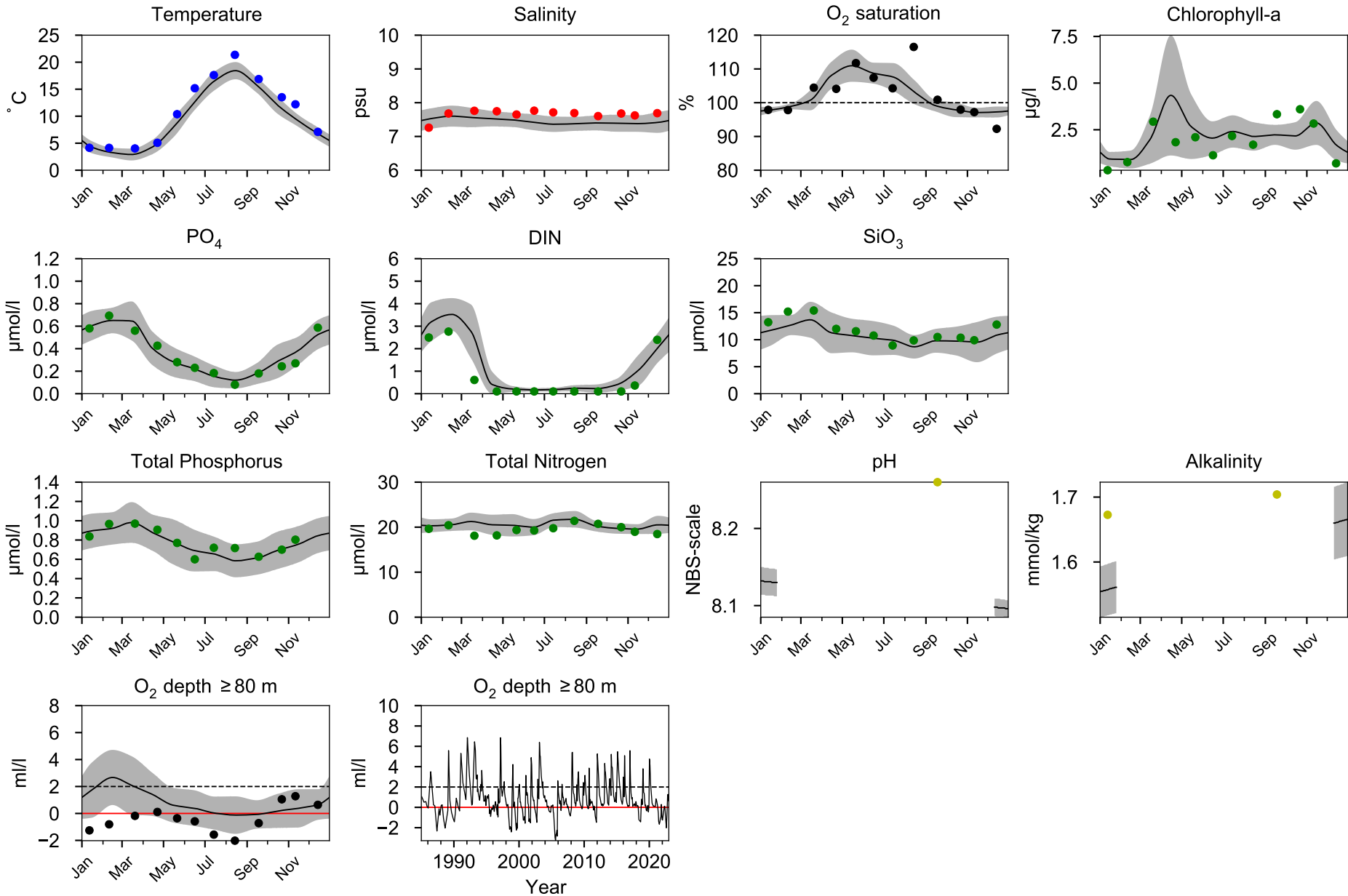
STATION ANHOLT E SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



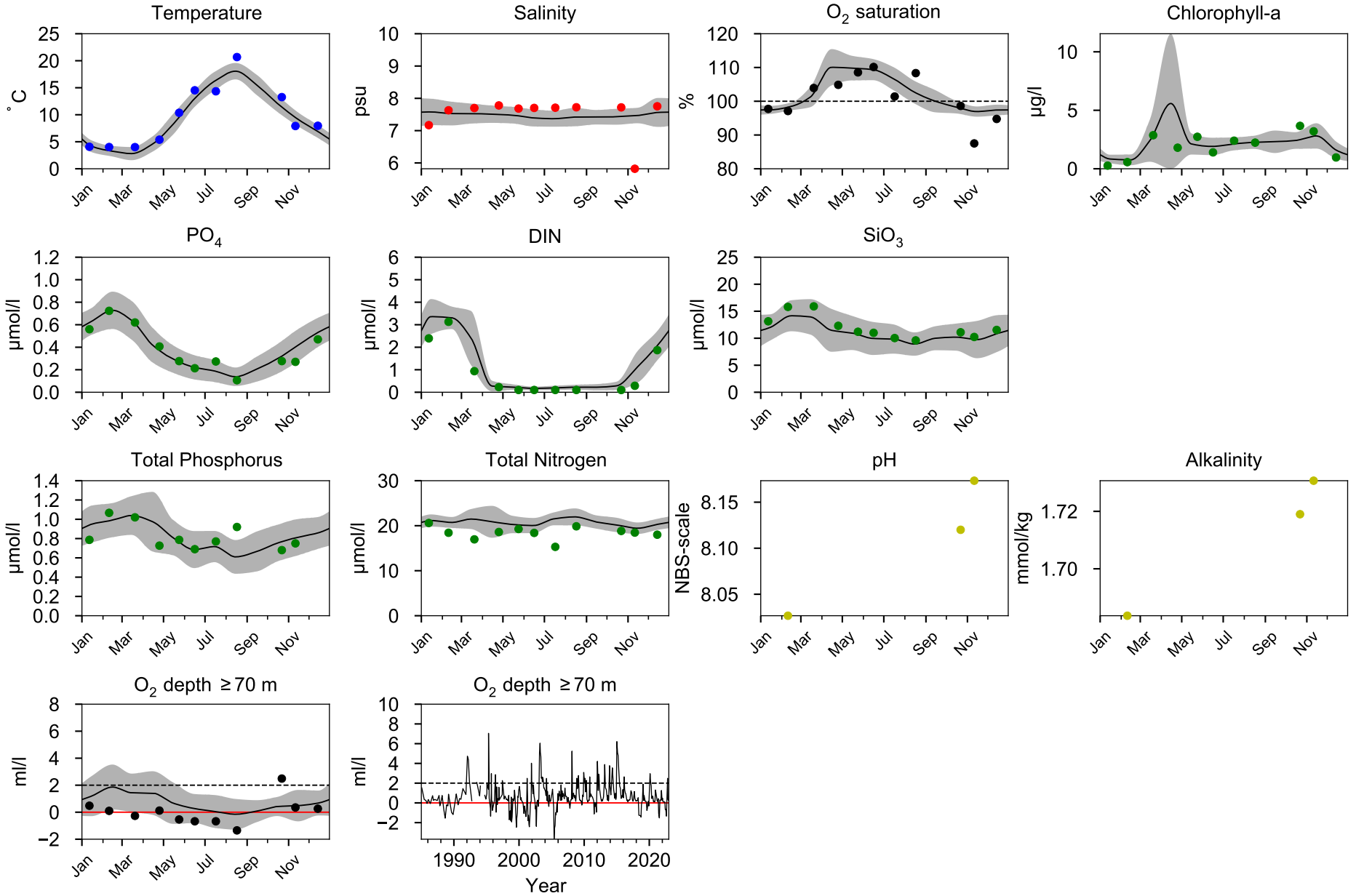
STATION BY4 CHRISTIANSÖ SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



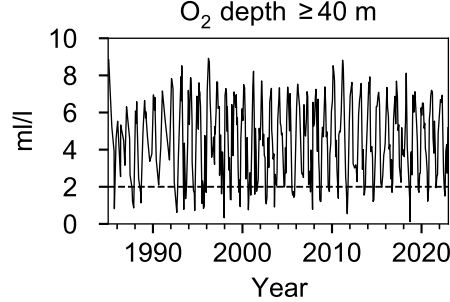
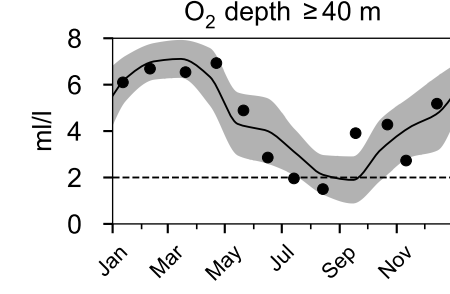
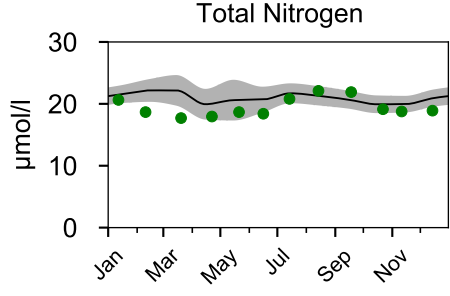
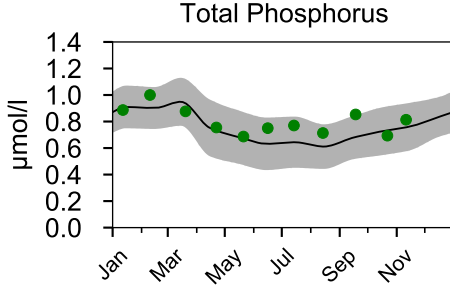
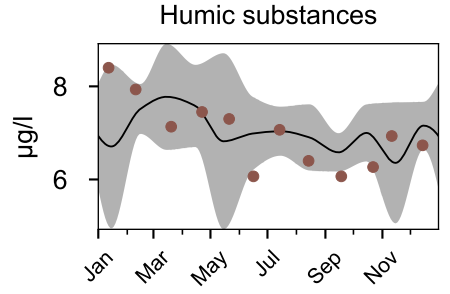
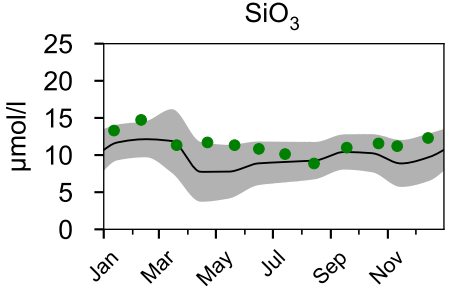
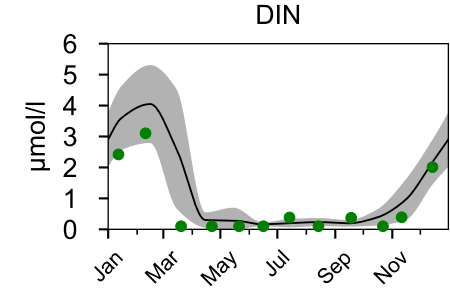
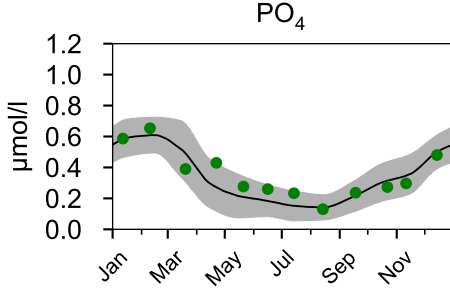
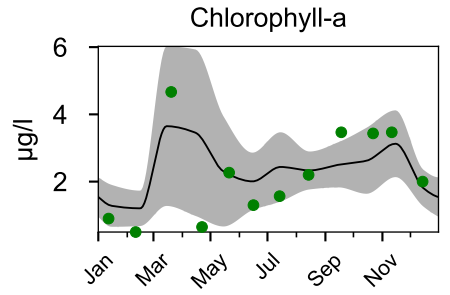
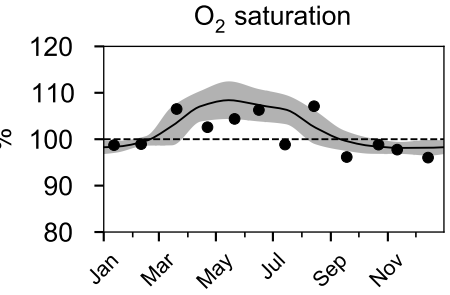
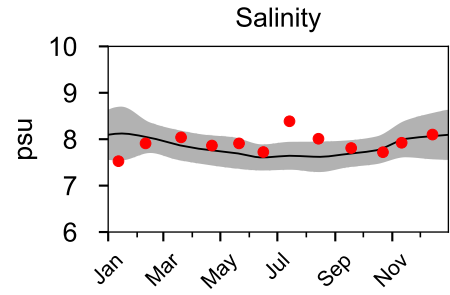
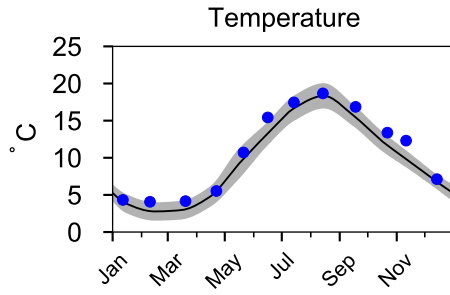
STATION HANÖBUKTEN SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



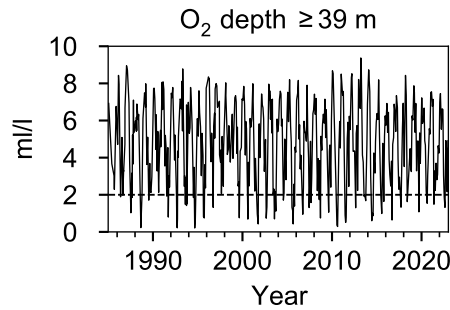
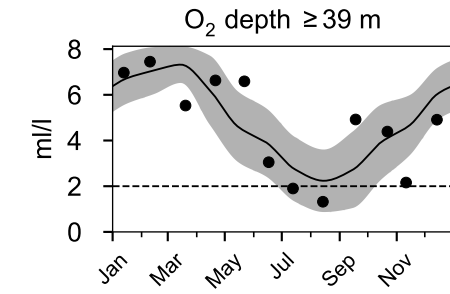
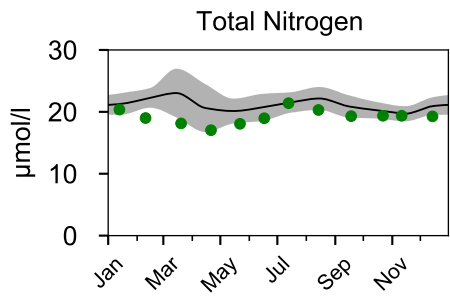
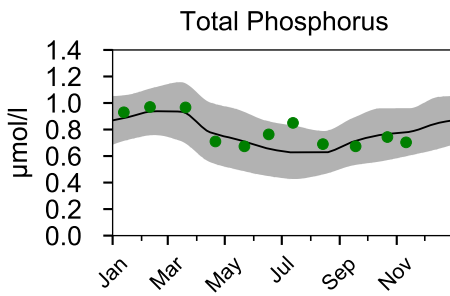
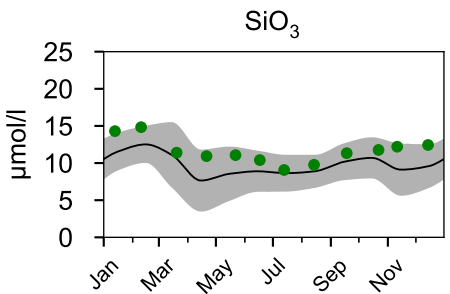
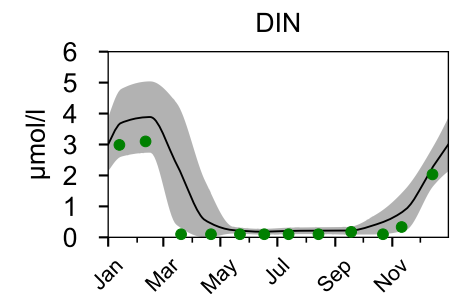
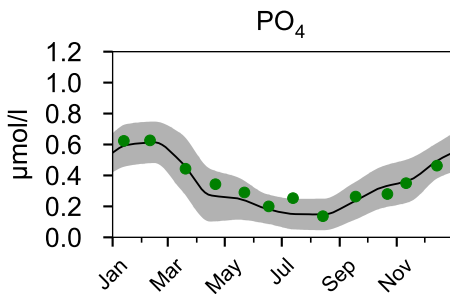
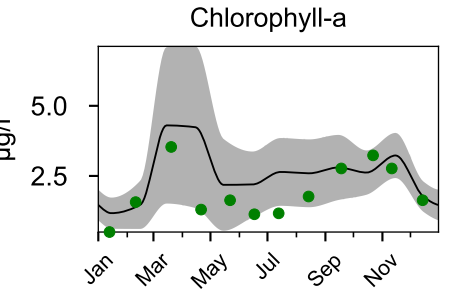
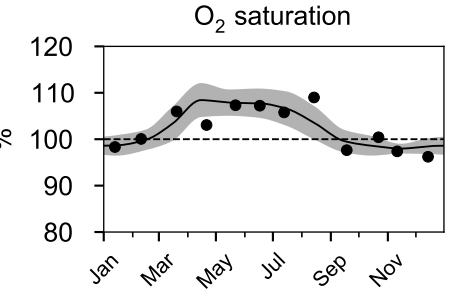
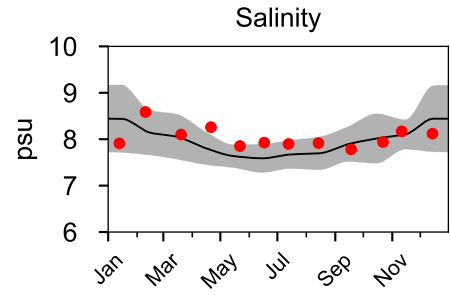
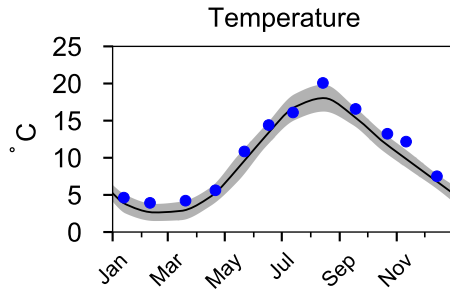
STATION BY2 ARKONA SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



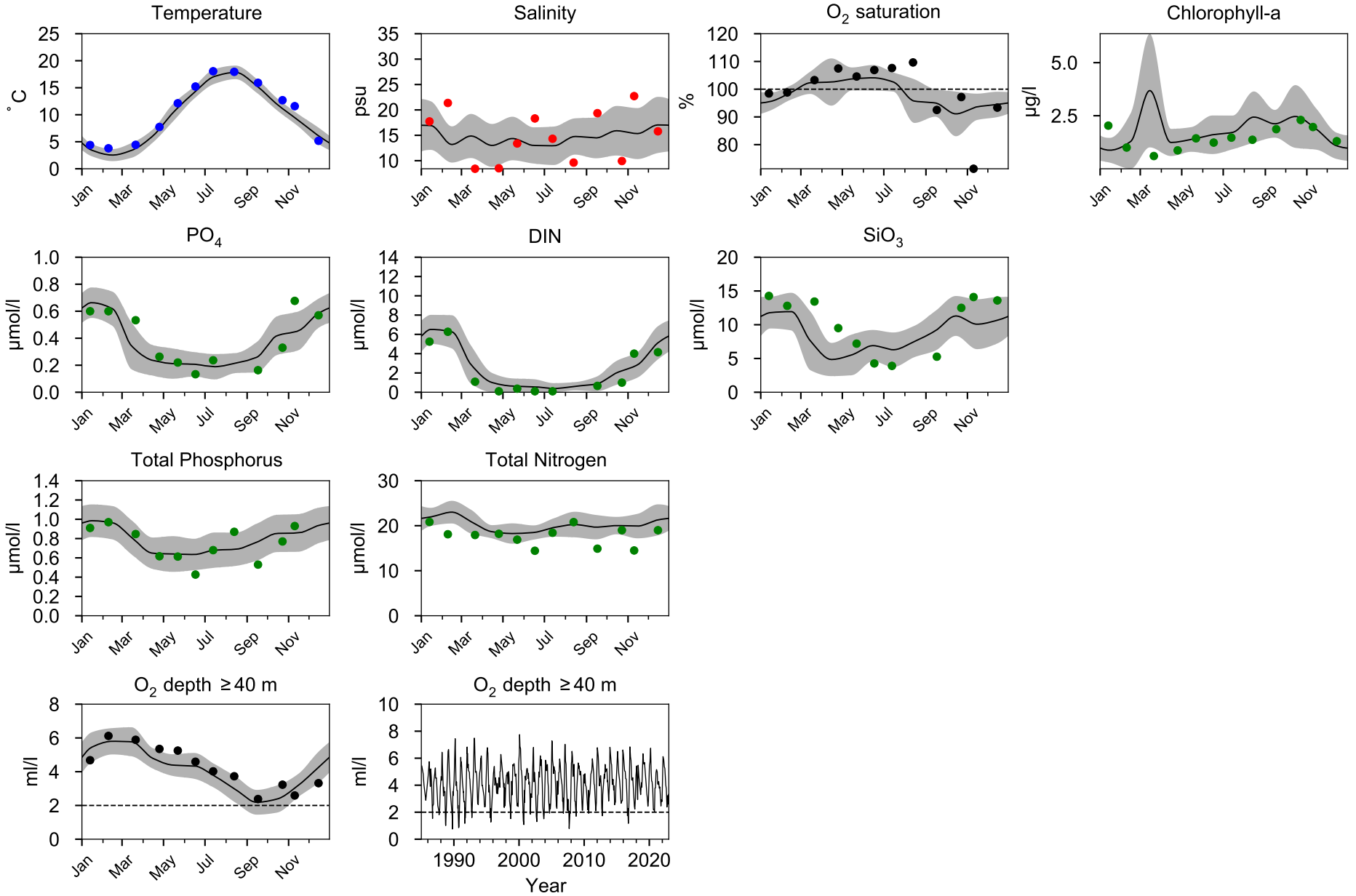
STATION BY1 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



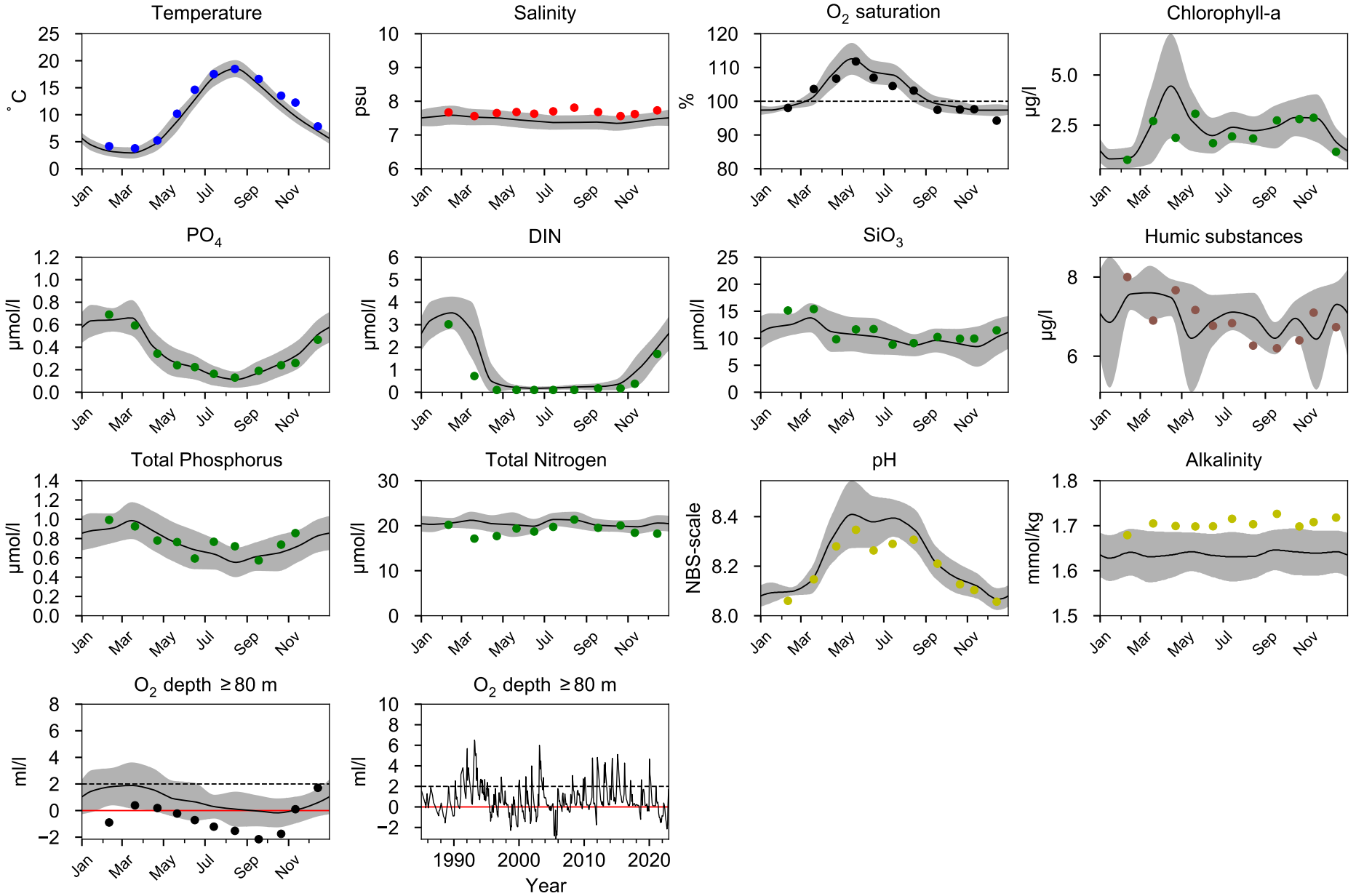
STATION W LANDSKRONA SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2022



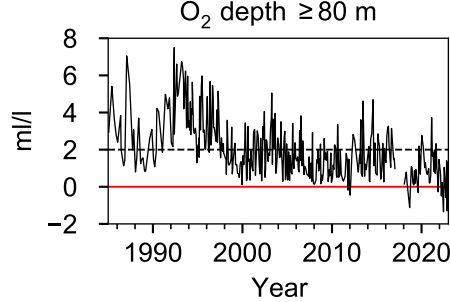
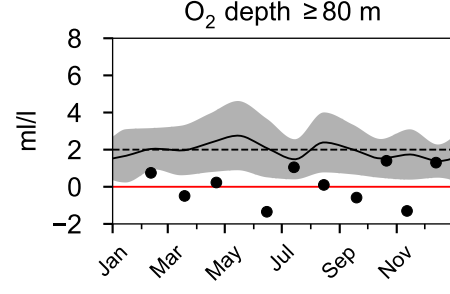
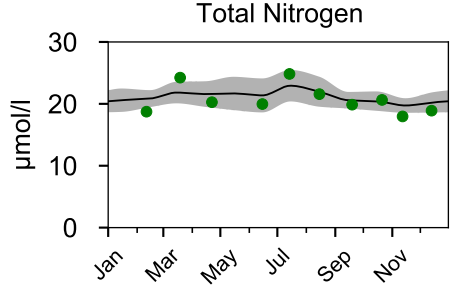
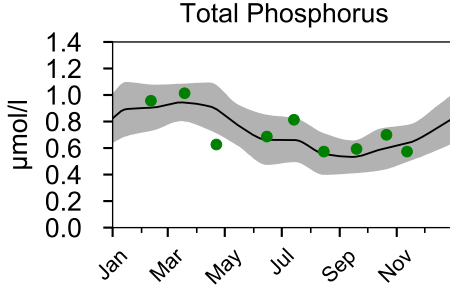
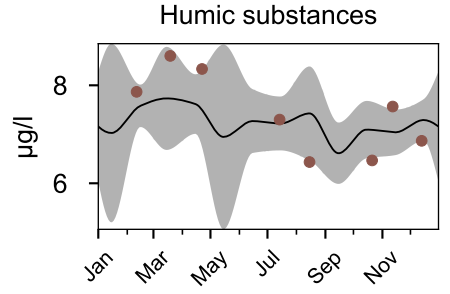
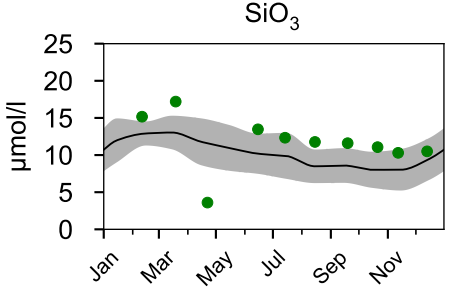
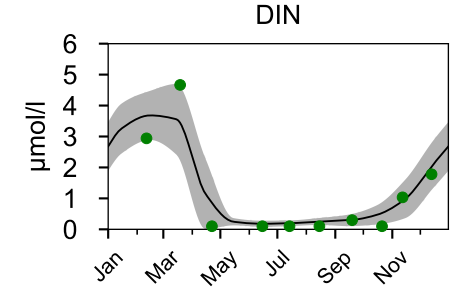
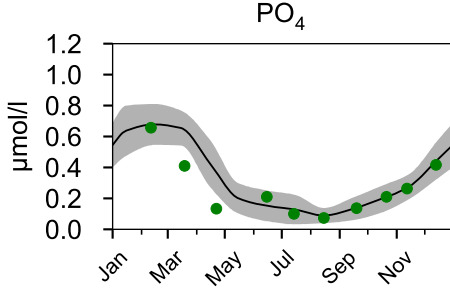
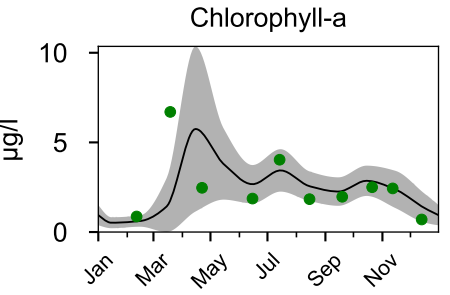
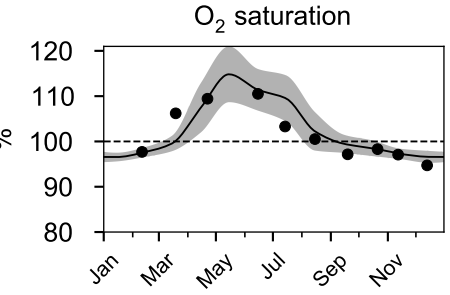
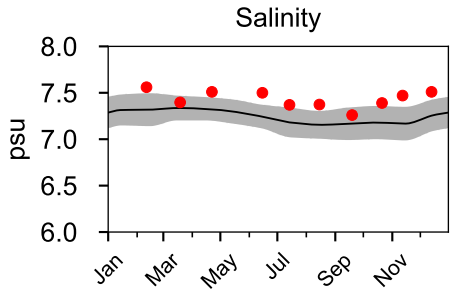
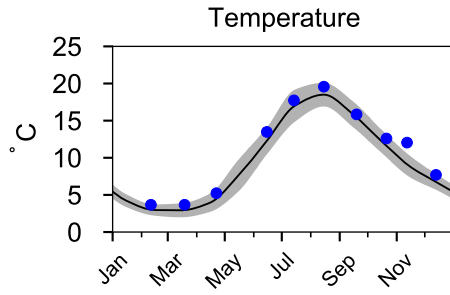
STATION BY5 BORNHOLMSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



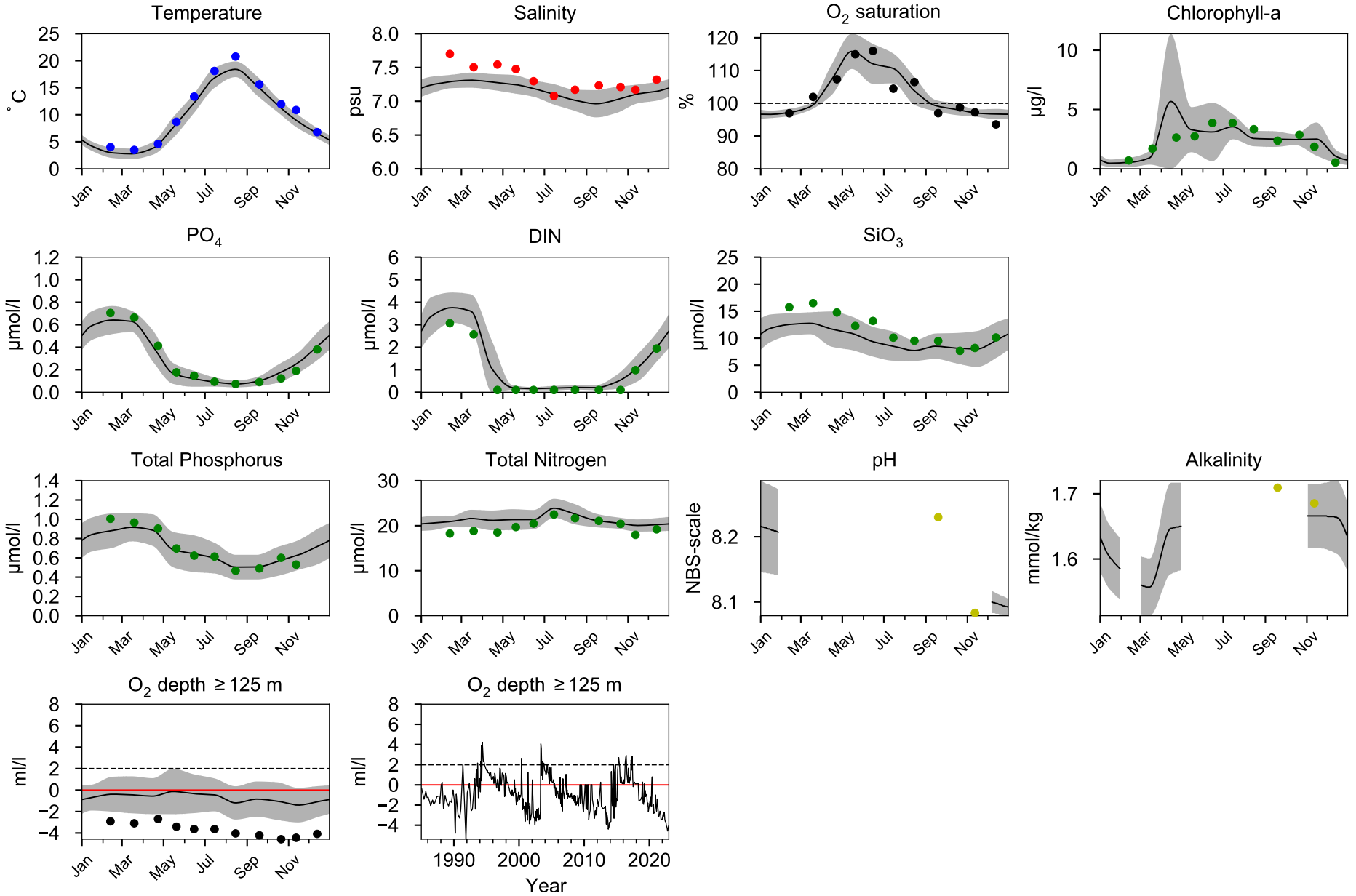
STATION BCS III-10 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



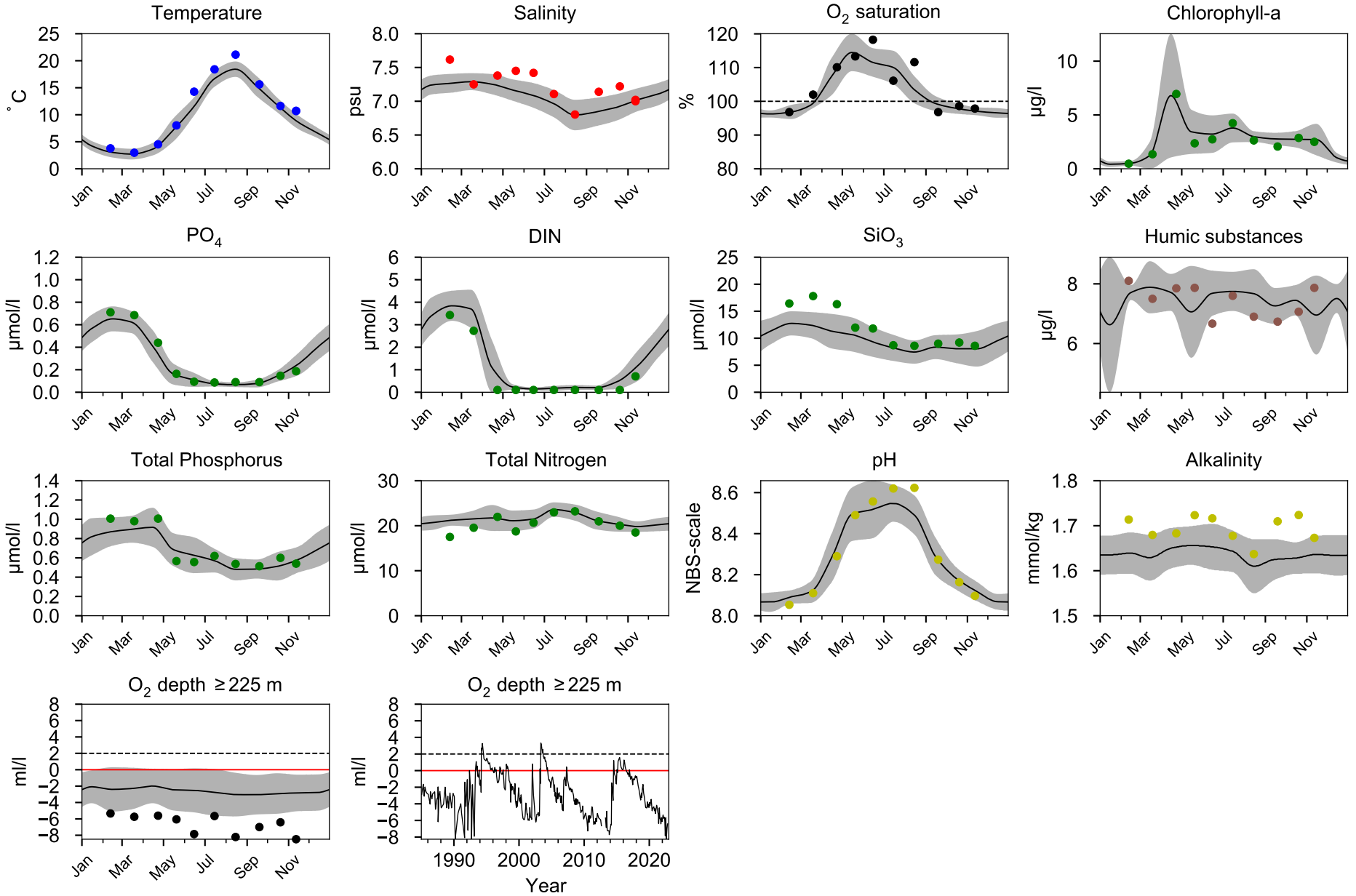
STATION BY10 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



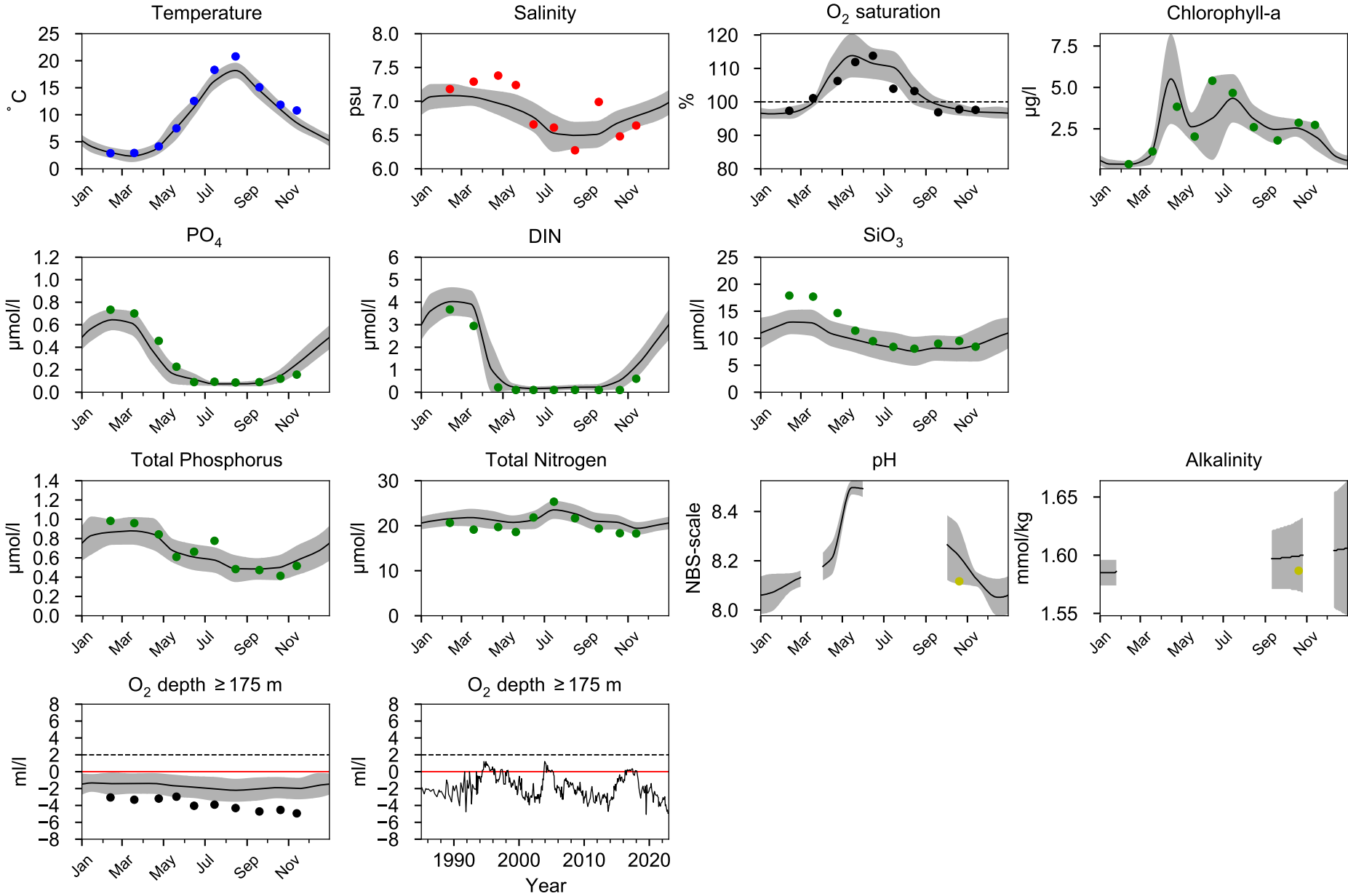
STATION BY15 GOTLANDSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



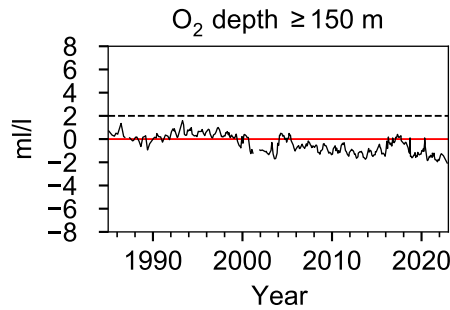
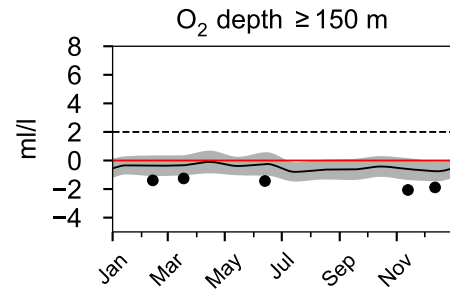
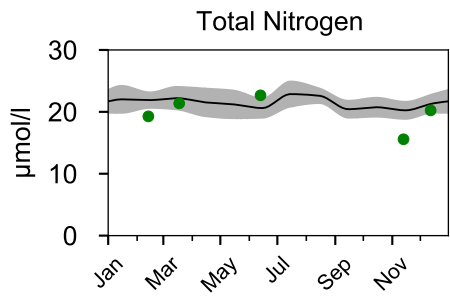
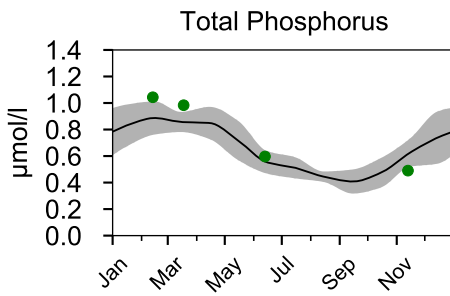
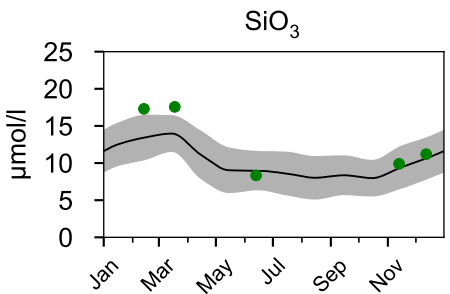
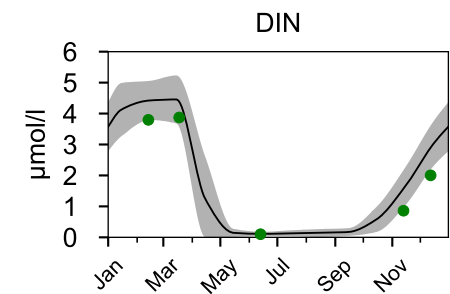
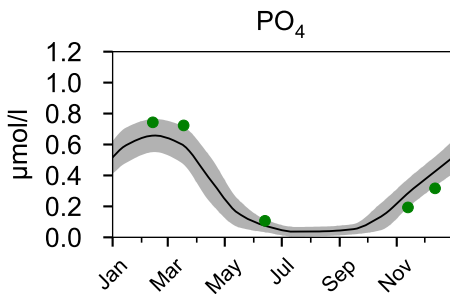
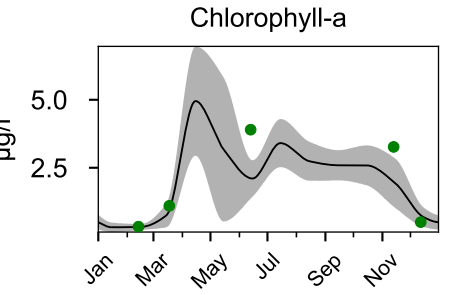
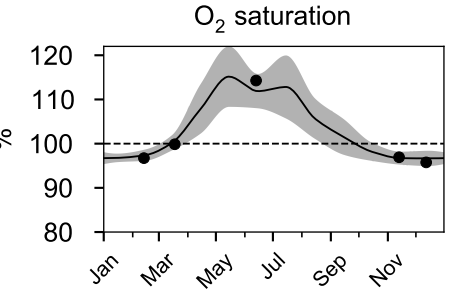
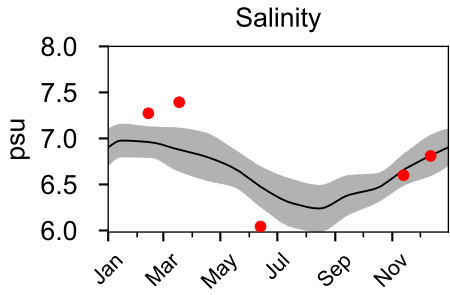
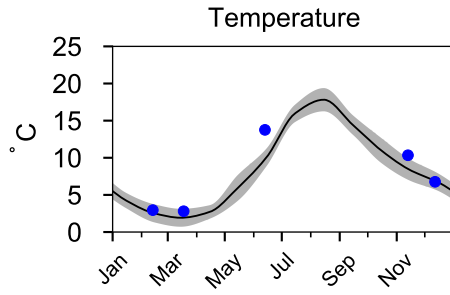
STATION BY20 FÄRÖDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



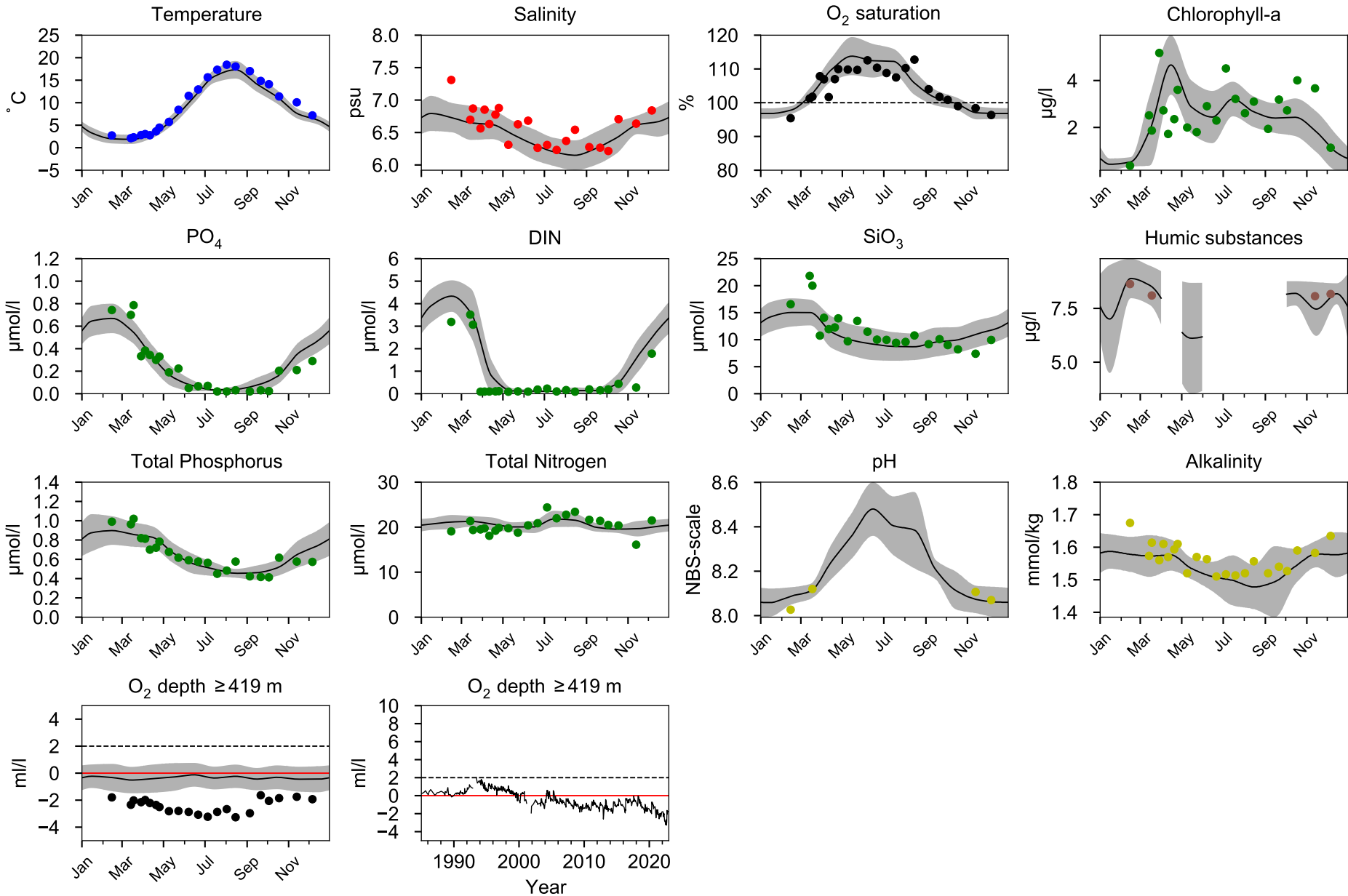
STATION BY29 / LL19 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



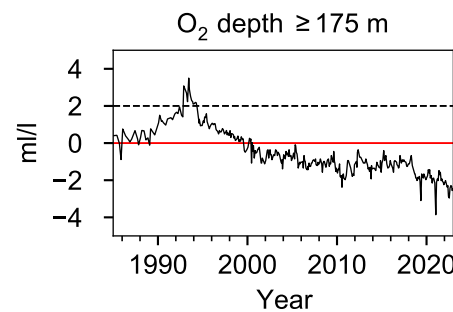
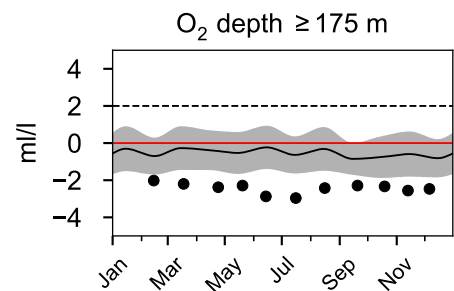
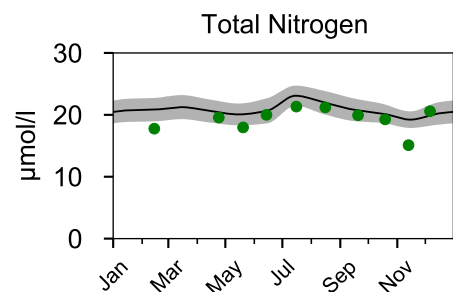
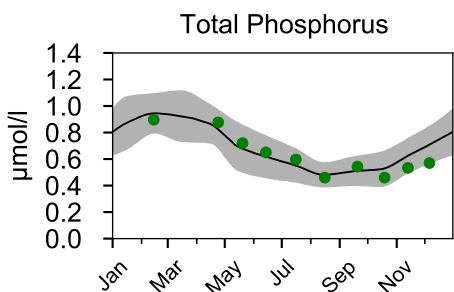
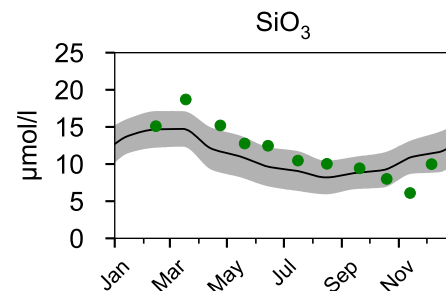
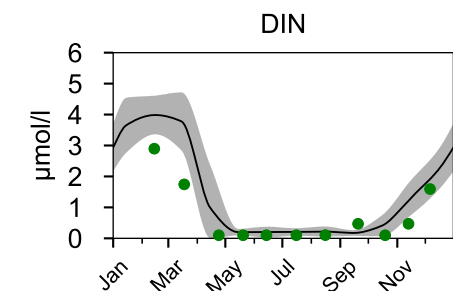
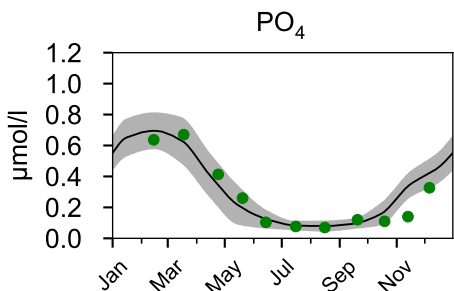
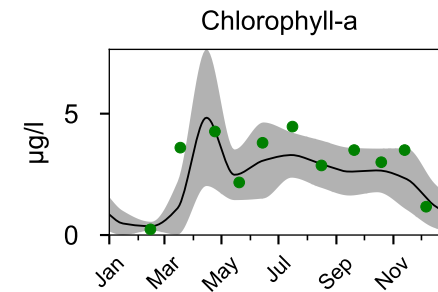
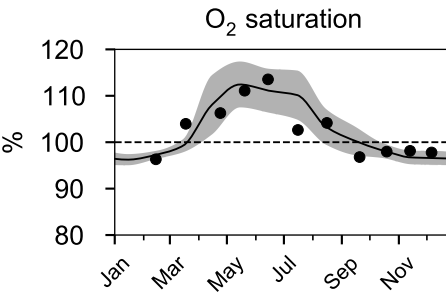
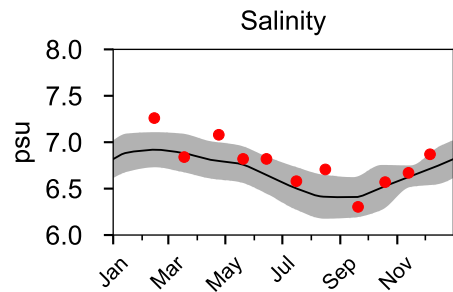
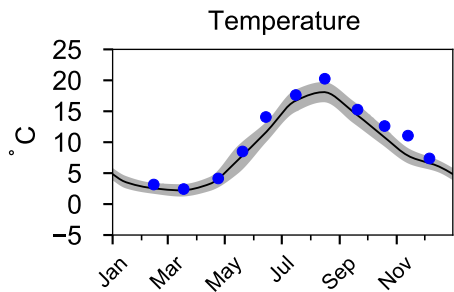
STATION BY31 LANDSORTSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



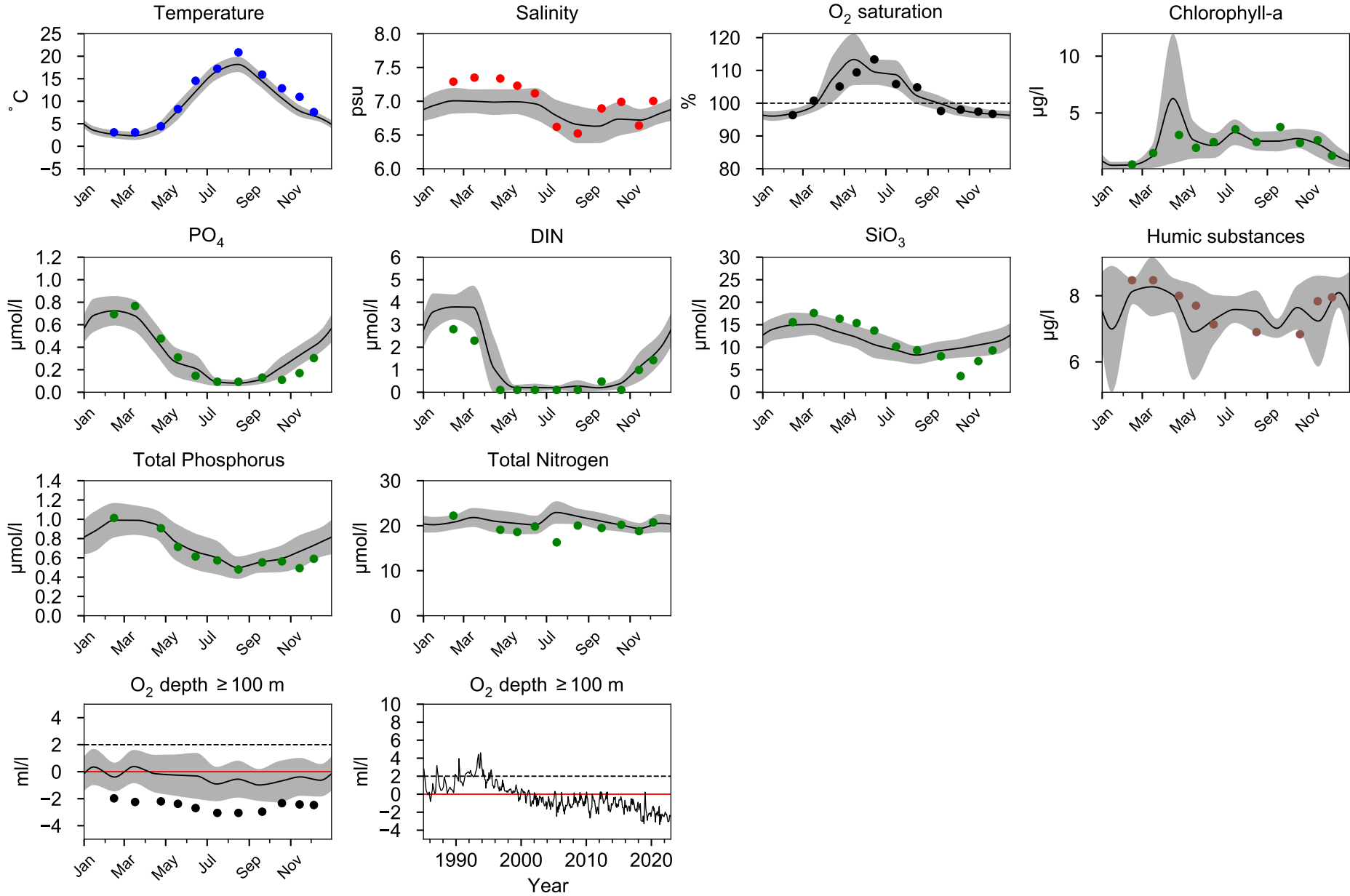
STATION BY32 NORRKÖPINGSDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2022



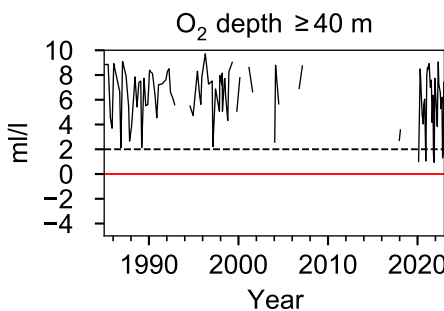
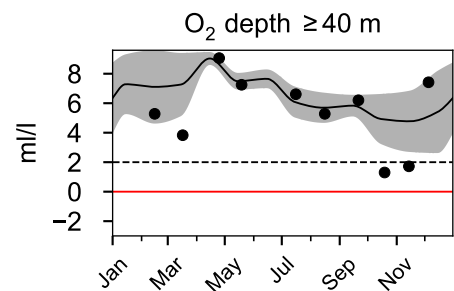
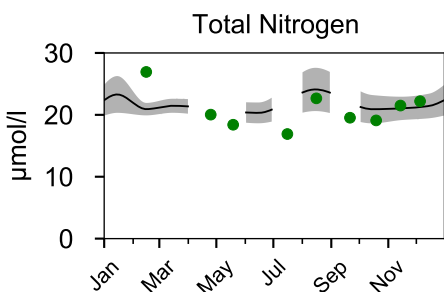
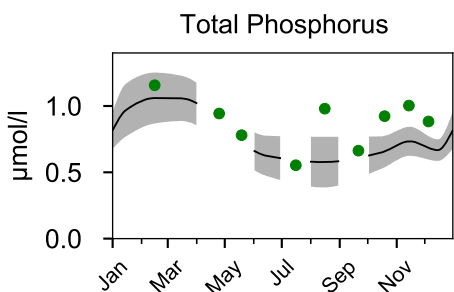
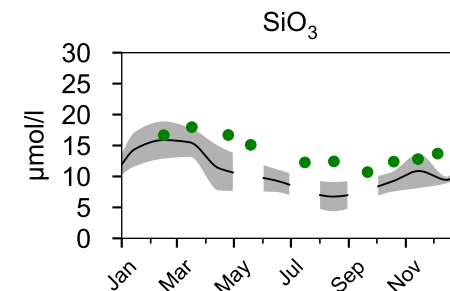
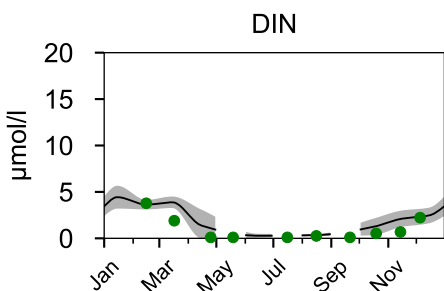
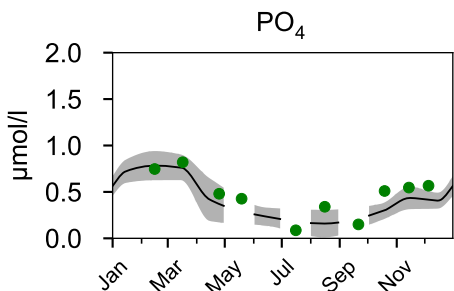
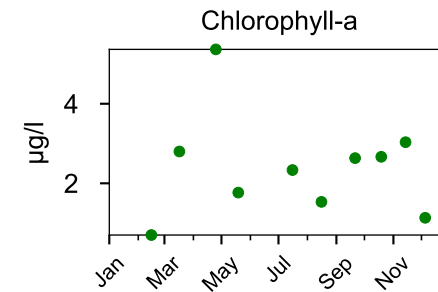
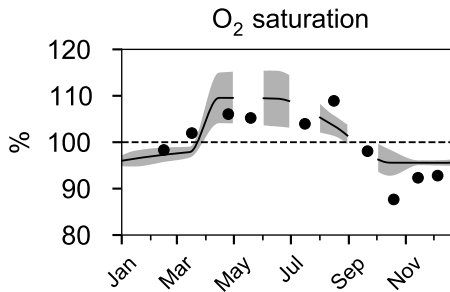
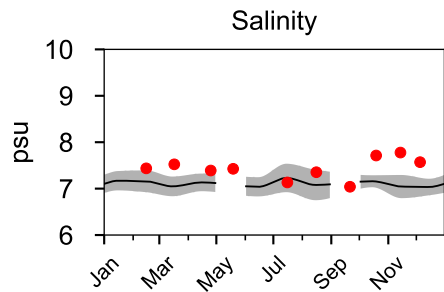
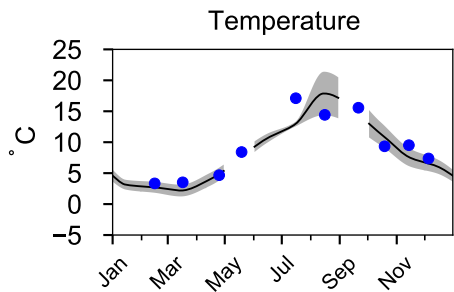
STATION BY38 KARLSÖDJ SURFACE WATER (0-10 m)

— Mean 1991-2020 St.Dev. ● 2022



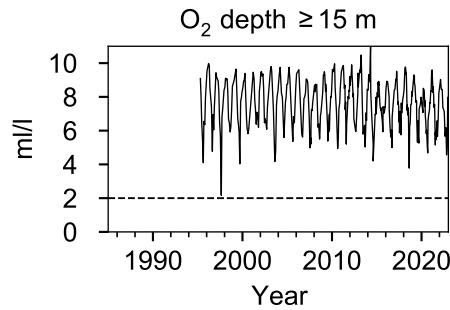
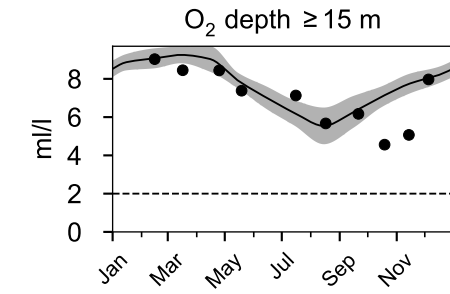
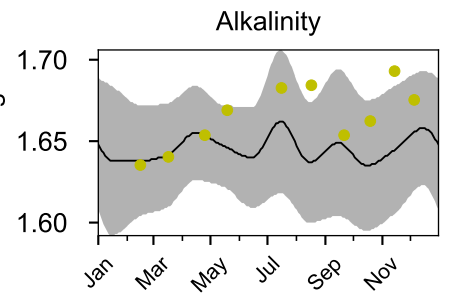
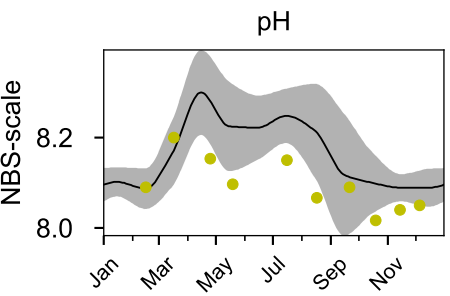
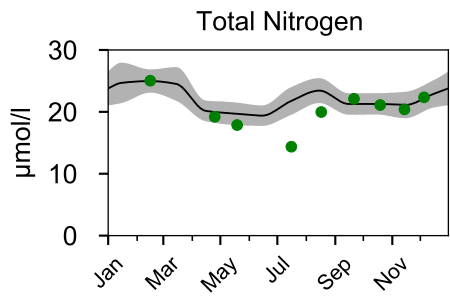
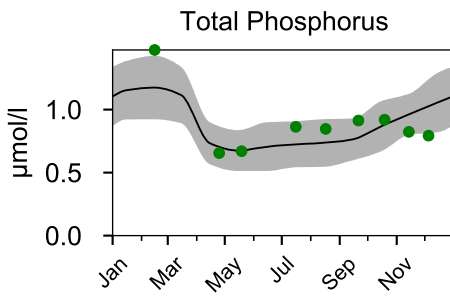
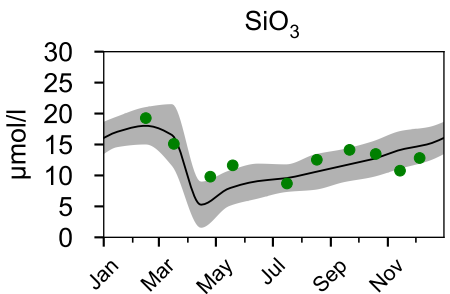
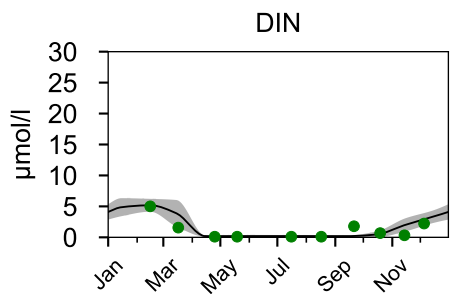
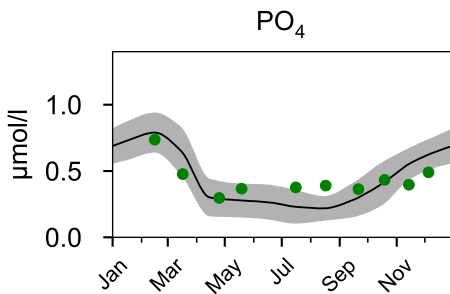
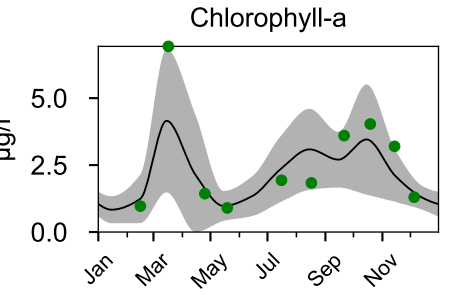
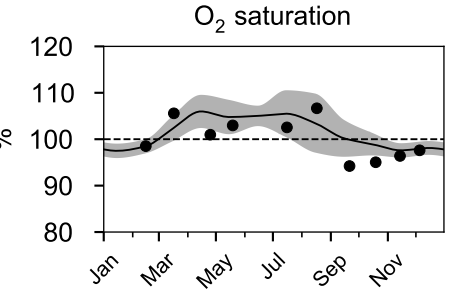
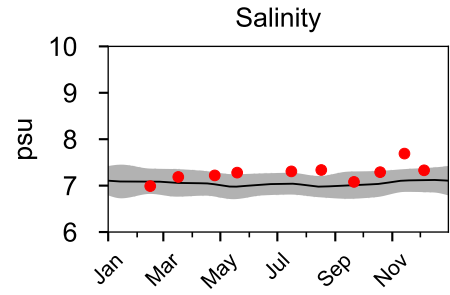
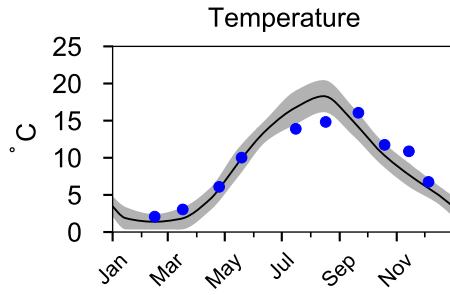
STATION BY39 ÖLANDS S UDDE SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



STATION REF M1V1 SURFACE WATER (0-10 m)

— Mean 1991-2020 ■ St.Dev. ● 2022



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

— Mean 1991-2020 ■ St.Dev. ● 2022

