

Report from SMHI's marine monitoring cruise with R/V Svea – March 2026



Flatfish on the seabed in Hanöbukten. Photo: Ola Kalén.

- Survey period:** 2026-03-08 to 2026-03-14
- Principals:** Swedish Meteorological and Hydrological Institute (SMHI),
Swedish Agency for Marine and Water Management (SwAM)
- Cooperation partners:** Swedish University of Agricultural Sciences (SLU),
Swedish Maritime Administration (SjöV)

SUMMARY

During the cruise, which is part of the Swedish pelagic monitoring programme, stations were visited in the Skagerrak, Kattegat, the Sound, and the Baltic Proper.

Surface water temperatures were generally close to normal in all sea areas and ranged between 1.8 and 4.1 °C. Salinity was generally higher than normal in the Baltic Proper and normal in the Kattegat. In the Skagerrak, variability was large, with observations of normal, lower-than-normal, and higher-than-normal salinity.

Concentrations of dissolved inorganic nitrogen were generally normal for the season in all basins. Phosphate concentrations were higher than normal in the northern Kattegat and southern Skagerrak, in the Sound, and in large parts of the Baltic Proper. Silicate concentrations were above normal throughout the Baltic Proper and in the southern Skagerrak. In the central Kattegat, concentrations were lower than normal, likely due to high biological production.

The oxygen situation was good at all stations in the Skagerrak, Kattegat, and the Sound, with no oxygen deficiency observed in these areas.

In the Arkona Basin, bottom waters were well oxygenated, indicating inflow from the Kattegat via the Sound and the Danish Straits. In the Bornholm basin, at BY4 and BY5, an inflow had reached the bottom water and increased oxygen concentrations near the seabed, although the inflowing water was only observed within the deepest 5–10 metres above the bottom. In the deeper parts of the Baltic Proper, oxygen deficiency or anoxic conditions persisted, with hydrogen sulphide present from approximately 80–100 m depth.

Fluorescence measurements generally indicated low biological activity, except in the Arkona Basin where several layers of plankton activity were observed.

SMHI's next regular cruise with R/V Svea is planned for 7–12 April, starting in Kalmar and ending in Gothenburg.

EXPEDITION OVERVIEW

The cruise was carried out on board R/V Svea, starting in Kalmar on 8 March and ending in Lysekil on the morning of 14 March. Weather conditions during the cruise were calm and sunny, but in the Kattegat the wind increased. In order to carry out the sampling in the Kattegat and Skagerrak, Svea sheltered in Skälderviken to wait for calmer winds. Air temperatures ranged between 3 and 7 °C during the cruise.

In the Western Gotland Basin, Svea was affected by GPS interference, so-called jamming. The vessel temporarily lost its positional signal but was able to determine its position at the affected stations. In the Eastern Gotland Basin, after station BY10, the interference returned and therefore station BCSIII-10 in the southwestern Baltic Sea could not be visited.

The increasing wind in the Kattegat meant that the station at Falkenberg (N14) had to be cancelled and Svea had to seek shelter in Skälderviken. While waiting for calmer winds, the regional monitoring station S-5 was sampled. This station is part of the monitoring programme of the Northwestern Skåne Coastal Water Committee.

The wave buoy (Knolls grund), which had been retrieved in February due to ice conditions, could now be redeployed as the risk of icing was low. SMHI's ocean buoy at Huvudskär was also deployed, and in the Kattegat a bottom-mounted measurement system measuring temperature, salinity, and oxygen was replaced at Kullen (P22). In connection with the deployment of the Huvudskär buoy, station BY30 was also visited. This station is located in the inflow area between the Northern Gotland Basin and the Western Gotland Basin and is of particular interest.

Measurements of eDNA/barcoding have been included in the monitoring programme since February this year, and surface water samples are filtered at four stations: BY31, BY5, Anholt E, and Å17.

Due to technical problems with the nutrient analyser, phosphate data are missing from parts of the Baltic Proper. The problem was resolved and the instrument subsequently functioned correctly.

Svea's instrument for underway profiling, MVP, was operated in the Eastern Gotland Basin as well as in the Bornholm Basin and Hanö Bay. The ferrybox system was operated throughout the entire cruise. The ADCP was also operated continuously during the cruise.

The results presented in this report are based on data that have undergone initial quality control and have been compared to monthly averages for the period 1991 – 2020. After further quality assurance, some values may be subject to change. All values in the report are rounded to the nearest tenth and may therefore differ slightly from published values. Data are published as soon as possible on the data host's website, usually within about a week after the expedition. Some analyses are completed after the expedition and are therefore published later.

More information about our data hosting and to download data:

<https://www.smhi.se/data/oceanografi/datavardskap-oceanografi-och-marinbiologi>

For more information on the algal situation, see the AlgAware report:

<https://www.smhi.se/publikationer/publikationer/algrapporter>

RESULTS

Skagerrak

Surface water temperature was generally normal and ranged between 2.9 and 4.1 °C, except in the central Skagerrak at station Å17 where the temperature was below normal at 2.0 °C. Surface salinity varied between 26 and 33 psu, with the lowest values in the central Skagerrak and near the coast, and the highest values in the southern parts. At stations Å13 to Å17 the water column was well mixed down to 15–25 metres, where the thermocline and halocline coincided.

DIN (dissolved inorganic nitrogen) ranged between 1.5 and 9.1 µmol/l, phosphate between 0.2 and 0.5 µmol/l, and silicate between 1.3 and 6.7 µmol/l. Concentrations were generally normal, except at P2 in the southernmost part of the area where concentrations were higher than normal.

The oxygen situation in the bottom water was good at all stations in the open Skagerrak, with concentrations around 6.7 ml/l, which are normal values for the season. At the coastal station Släggö, the oxygen concentration near the bottom was about 4.5 ml/l, which is close to the limit for oxygen deficiency (4 ml/l).

Chlorophyll fluorescence, which is a measure of plankton activity, is recorded using a sensor mounted on the CTD. Elevated chlorophyll fluorescence values were observed in the surface layer at all stations in the Skagerrak.

Kattegat and the Sound

Surface water temperature had increased since February and was around 2–3 °C, which is normal for the season. Surface salinity ranged between 18 and 26 psu. The thermocline and halocline coincided at around 15 metres depth, slightly shallower at the coastal station S-5 in Skälderviken.

DIN concentrations in the surface water were normal for the season, ranging from 0.1 to 2.0 µmol/l except in the Sound where the concentration was 3.5 µmol/l. Phosphate concentrations varied between 0.2 and 0.6 µmol/l and were higher than normal in the northern part of the area and in the Sound. Silicate concentrations were normal or below normal, ranging from 0.3 to 10 µmol/l, with the highest values in the Sound and the lowest at Anholt E.

Oxygen concentrations in the bottom waters of the central and northern Kattegat were normal for the season, around 5–6 ml/l. At the coastal station in Skälderviken and at P22 near Kullen, oxygen concentrations of around 4.5 ml/l were observed, which is close to the limit for oxygen deficiency (4 ml/l).

Chlorophyll fluorescence was relatively low in the surface waters of the Kattegat, indicating that the spring bloom observed in February had now ended.

The Baltic Proper

Surface layer temperatures were normal for the month at all stations in the Baltic Proper and ranged between 1.8 and 2.6 °C. Surface salinity was generally higher than normal,

ranging from a minimum of 6.9 psu in the northwestern Baltic Proper to a maximum of 8.0 psu in the Arkona Basin.

In the Arkona Basin, a slight warming of the surface water down to 10 metres depth was observed, coinciding with a weak halocline. Below this layer, somewhat colder water was present, while the inflowing water near the bottom had slightly higher temperatures. Salinity increased towards the bottom, reaching just above 20 psu.

In the rest of the Baltic Proper, the well-mixed surface layer extended down to 50–80 m. Temperature and salinity stratification followed each other closely.

At most stations, nutrient concentrations in the surface waters had increased slightly since February and were generally higher than normal. In the Arkona Basin, however, where some biological activity was observed, nutrient concentrations had decreased. Phosphate concentrations were around 0.5–0.7 $\mu\text{mol/l}$ and dissolved inorganic nitrogen around 0.1 $\mu\text{mol/l}$, while silicate had decreased somewhat to 19–23 $\mu\text{mol/l}$.

In the rest of the Baltic Proper, conditions were more winter-like, with high nutrient concentrations. Dissolved inorganic nitrogen concentrations in the surface layer were normal and ranged around 2.3–4.0 $\mu\text{mol/l}$. Phosphate and silicate concentrations were above normal in large parts of the Baltic Proper, ranging between 0.8–0.9 $\mu\text{mol/l}$ and 19–22.5 $\mu\text{mol/l}$ respectively.

In the Arkona Basin, the oxygen conditions in the bottom water were good, with oxygen concentrations above 8 ml/l throughout the water column. This indicates inflow of water through the Sound and the Danish Straits. Salinity in the bottom water was around 20 psu.

At stations BY4 and BY5, in the Bornholm basin, an inflow had reached the bottom water and oxygen concentrations near the seabed were around 4–5 ml/l. The inflowing water was observed from approximately 85 m depth down to the bottom. Above this layer, oxygen-poor water was present between the pycnocline at about 60 m and 80–85 m depth, where oxygen concentrations decreased from around 4 ml/l to nearly zero. The inflowing water was about 3 °C colder than the overlying deep water.

In the Eastern Gotland Basin, the deep water was anoxic and hydrogen sulphide was detected from approximately 90–100 m depth, with severe oxygen deficiency occurring from about 75 m. In the northern Baltic Proper this boundary occurred slightly higher in the water column, with anoxic conditions from 80–90 m and severe oxygen deficiency from 75–80 m. In the Western Gotland Basin, the depth of anoxic water varied between 80 and 125 m, with severe oxygen deficiency from 75–80 m.

Fluorescence measurements from the CTD indicated some biological activity in the Baltic Proper, although it was generally very low. In the Arkona Basin several fluorescence peaks were observed between 10 and 40 m depth. In the Bornholm Basin at station BY4, plankton activity was also observed at 40–60 m depth. In Hanö Bay some activity was observed near the surface and at 60 m depth, although lower than in the Bornholm Basin.

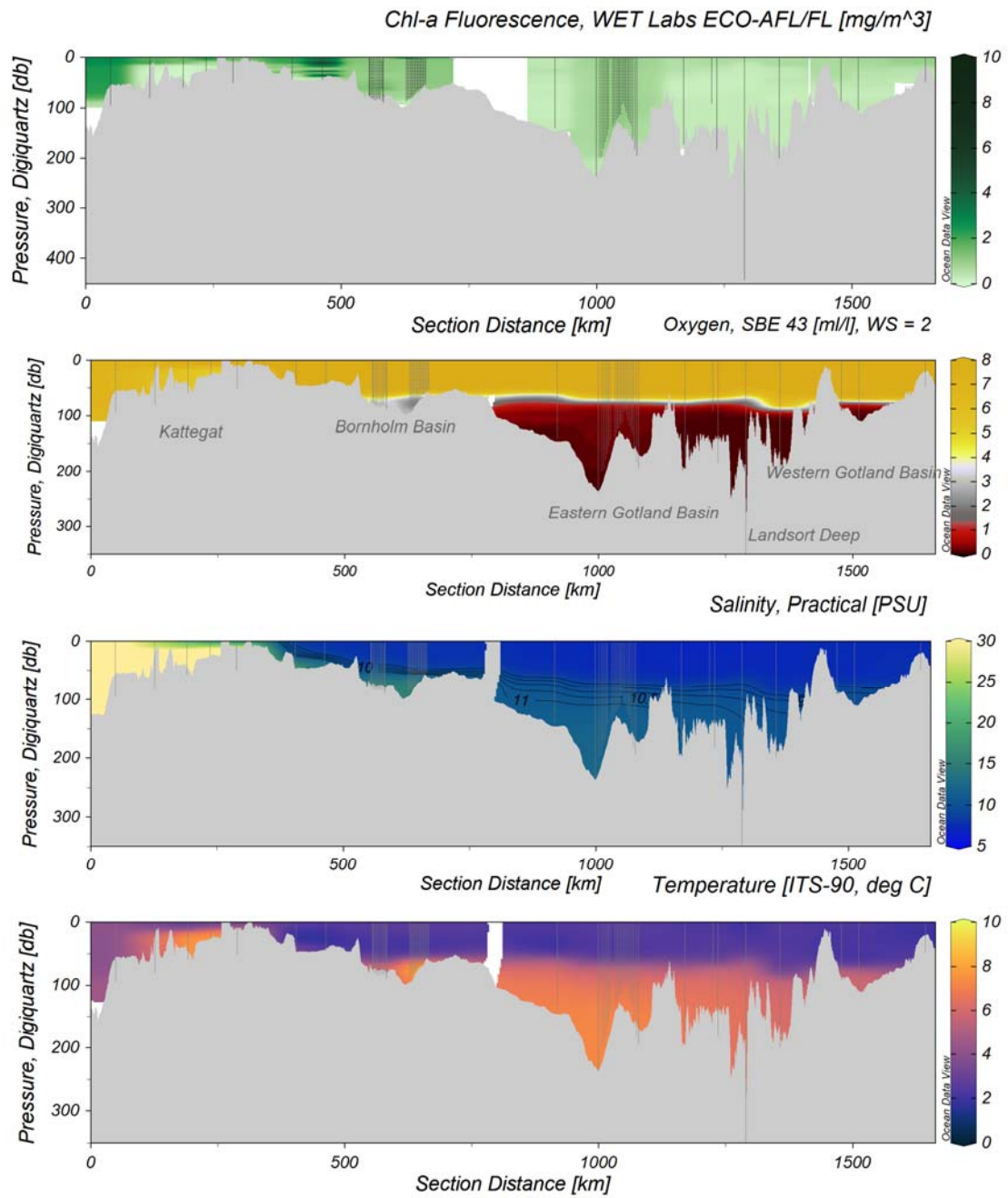
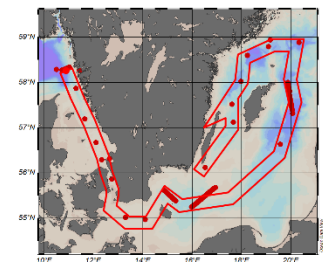


Figure 1. Section showing oxygen concentration, salinity, and temperature from CTD and MVP measurements, from the Skagerrak through the Kattegat and into the Baltic Sea according to the map (bottom).



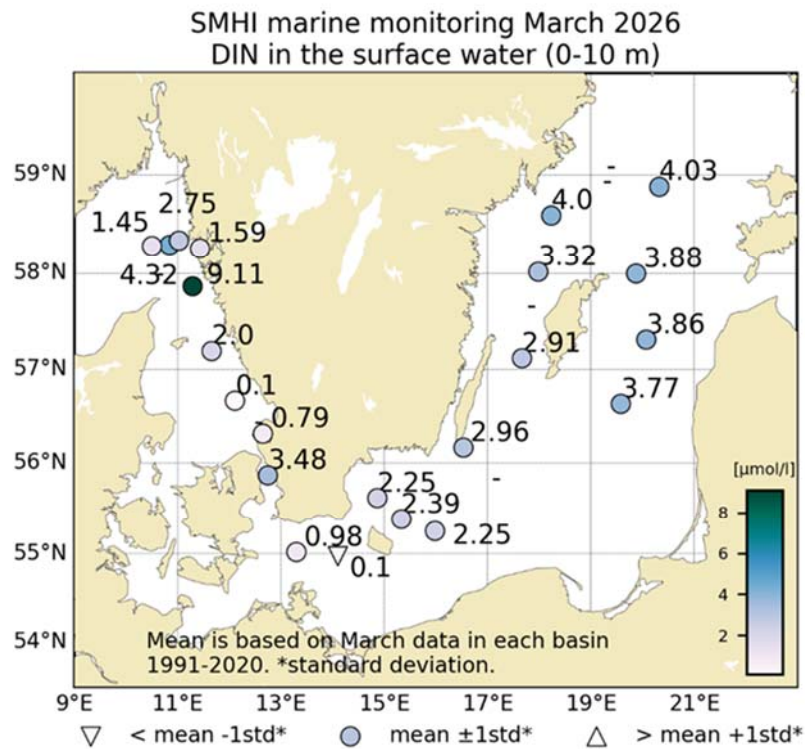


Figure 2. The concentration ($\mu\text{mol/l}$) of inorganic nitrogen (DIN) in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

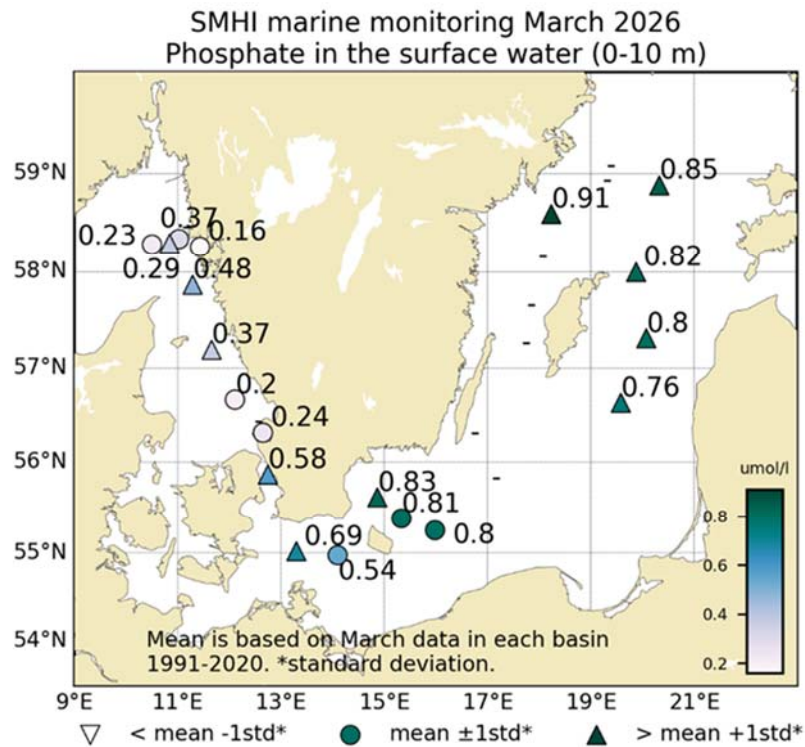


Figure 3. The concentration ($\mu\text{mol/l}$) of phosphate in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

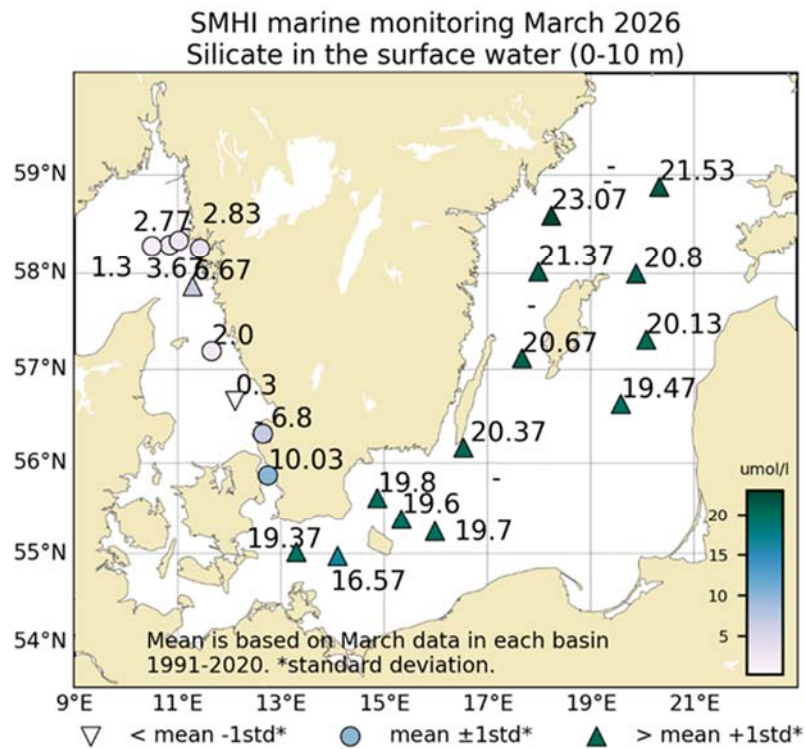


Figure 4. The concentration ($\mu\text{mol/l}$) of silicate in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

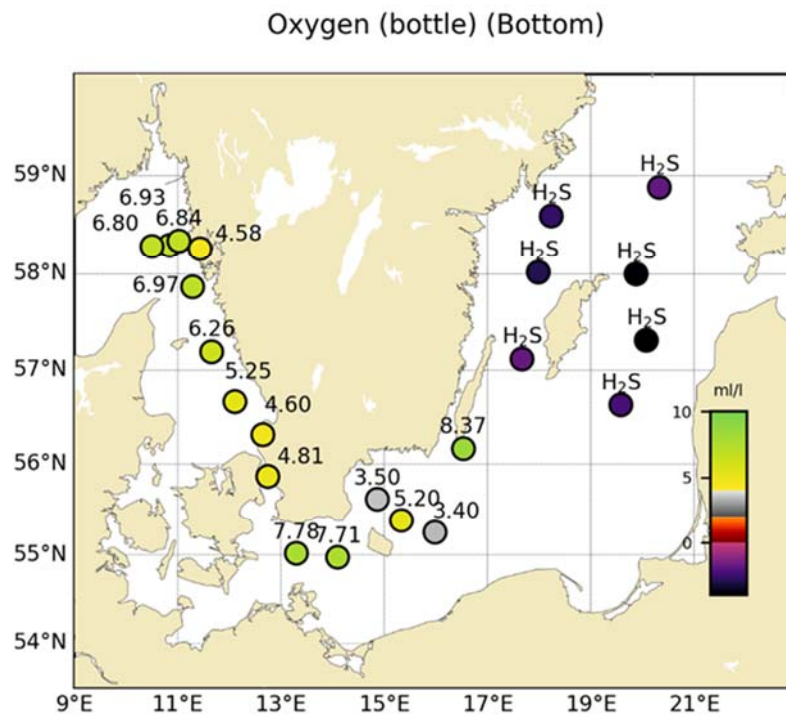


Figure 5. Dissolved oxygen concentration (ml/l) in the bottom water, approx. one meter above the seafloor. Presence of hydrogen sulphide is shown as H_2S . Note that the values have not been compared to statistics as in similar figures and only circles are shown

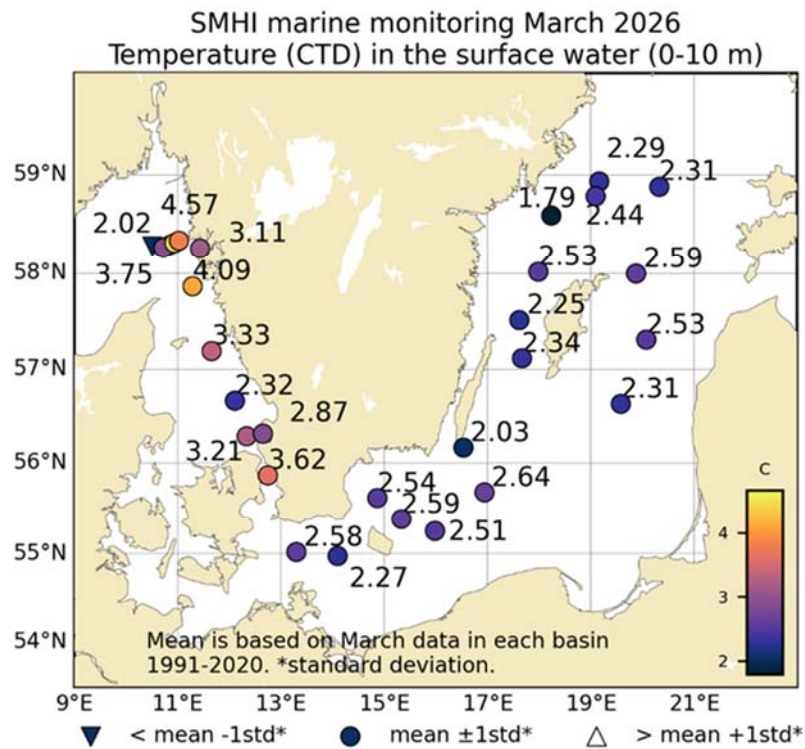


Figure 6. The temperature in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

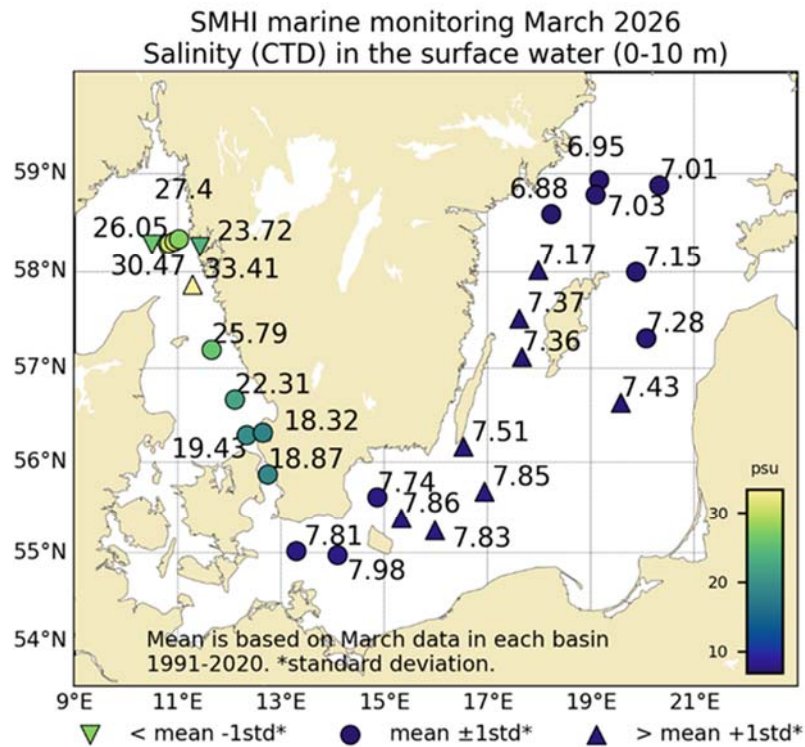


Figure 7. The salinity in the surface water (0 – 10 m). The mean value is based on data for the month at each station during the years 1991 – 2020.

PARTICIPANTS

Name	Role	From
Martin Hansson	Chief Scientist, Oceanographer	SMHI
Ola Kalén	Oceanographer	SMHI
Kristoffer Dale	Marine technician	SMHI
Amanda Nylund	Marine biologist, water sampling and analysis	SMHI
Sari Sipilä	Marine chemist	SMHI
Irena Draca	Marine technician	SMHI
Alex Rockström	Marine technician	SMHI
Monica Lidner	Marine chemist	SMHI
Johan Kronsell	Ship technician	SLU

APPENDICES

- Track chart
- Table with stations, analysed parameters and number of sampling depths
- Monthly average plots for surface water
- Vertical profiles

The logo for SMHI (Swedish Meteorological and Hydrological Institute) consists of the letters 'SMHI' in a large, bold, black, sans-serif font.

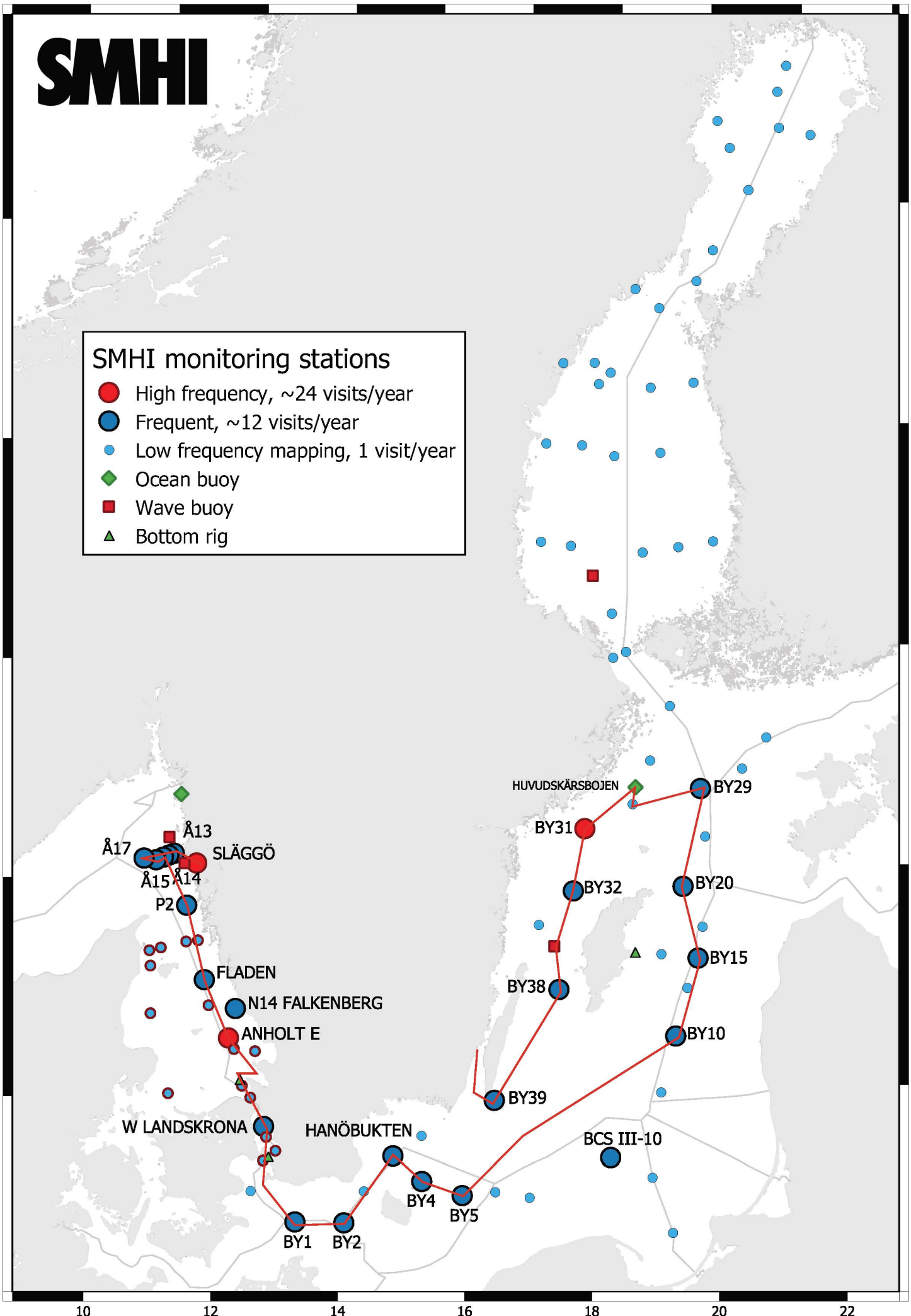
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SMHI

SMHI monitoring stations

- High frequency, ~24 visits/year
- Frequent, ~12 visits/year
- Low frequency mapping, 1 visit/year
- ◆ Ocean buoy
- Wave buoy
- ▲ Bottom rig



10

12

14

16

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60

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56

Date: 2026-03-16
Time: 15:42

Ship: 77SE
Year: 2026

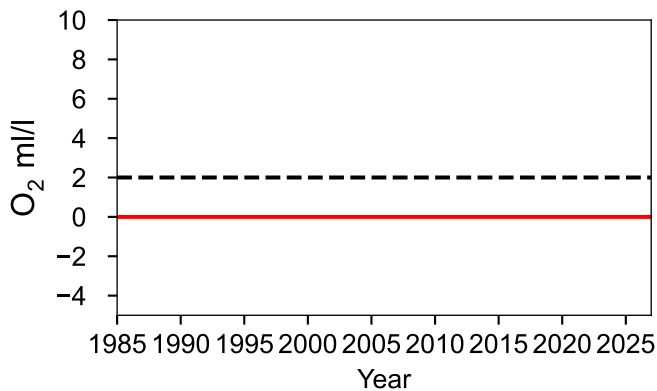
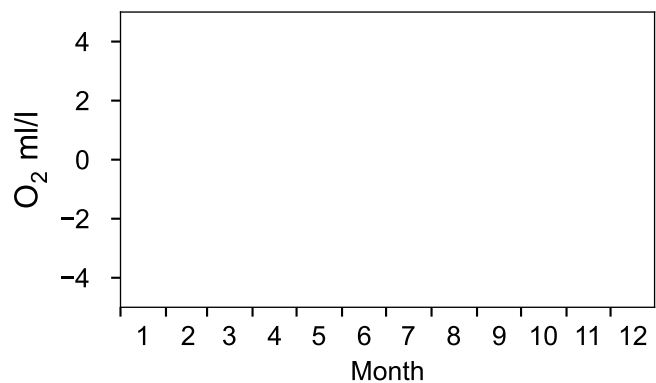
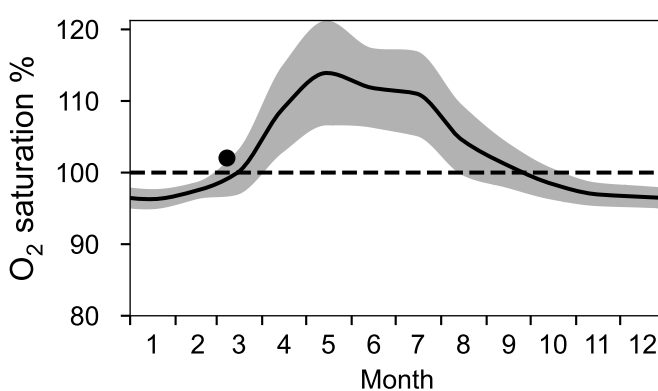
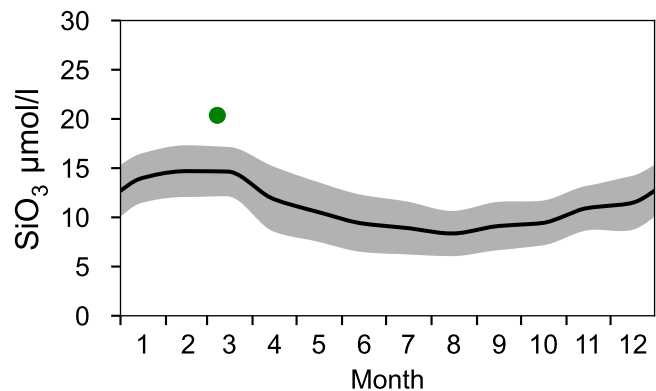
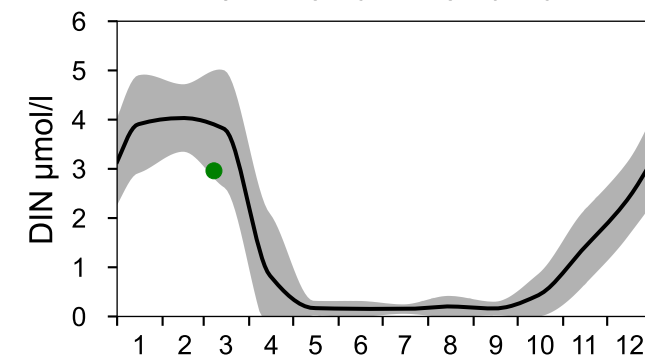
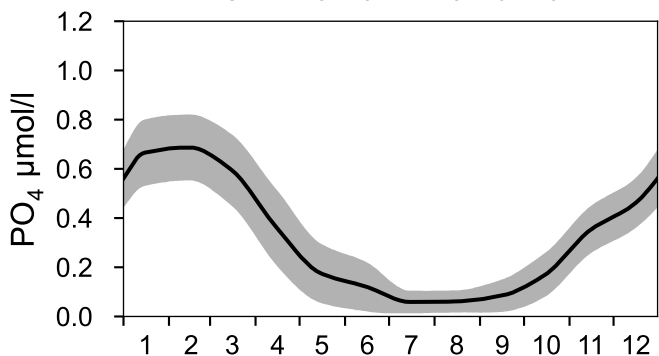
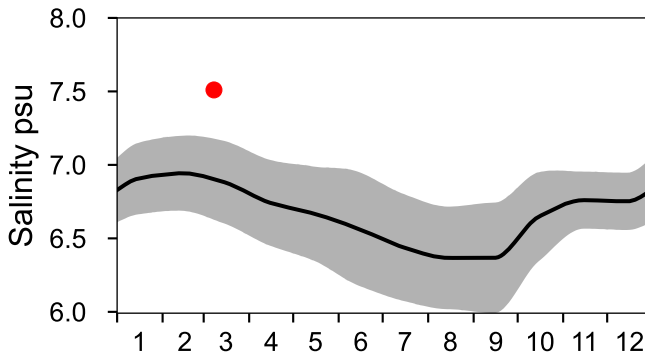
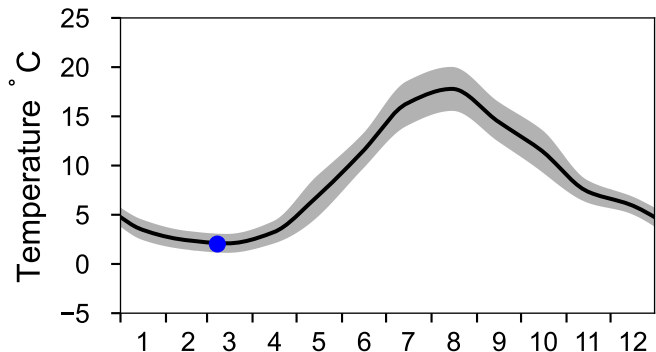
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0256	06	BPSE00	BAS...	BY39 ÖLANDS SÖDRA	5609.98	01632.13	20260308	1740	49		14 5	3.1	1031	9990	-x--	8			-	x	-	x	-	x	x	-	-	x	x	x	-	x	-	x	x
0257	06	BPWX45	BAS...	BY38 KARLSÖDJ	5707.03	01740.12	20260309	0150	106		32 7	3.7	1029	9990	----	13			-	x	-	x	-	x	x	-	-	x	x	x	-	x	-	x	x
0258	06	BPWX00	EXT...	KNOLLS GRUND	5730.96	01737.05	20260309	0629	89		20 7.5	3.4	1026	1630	----	12			-	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	
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0264	06	BPEX26	BAS...	BY20 FÄRÖDJ	5759.88	01952.71	20260310	1100	197		17 7.2	3.5	1017	1330	----	17			-	x	-	x	-	x	x	-	-	x	x	-	x	-	-	-	
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0266	06	BPEX13	BAS...	BY10	5638.09	01934.99	20260310	2145	143		20 6	3.8	1016	9990	----	15			-	x	-	x	-	x	x	-	-	x	x	-	x	-	-	-	
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0268	06	BPSB07	BAS...	BY5 BORNHOLMSDJ	5514.99	01559.06	20260311	1300	91	10	19 7	4.6	1014	2730	-x--	12			-	x	-	x	-	x	x	-	-	x	x	-	x	-	-	-	
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0280	06	SKEX17	BAS...	Å16	5816.03	01043.55	20260313	2315	203		18 9	4.2	999	9990	----	13			-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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0284	06	FIBG27	BAS...	SLÄGGÖ	5815.58	01126.12	20260314	0552	73		15 4	2.7	1000	2820	-x--	9			x	x	-	x	-	x	x	-	-	x	x	-	x	-	-	-	

STATION BY39 ÖLANDS SÖDRA SURFACE WATER (0-10 m)

Annual Cycles

Statistics based on data from: Västra Gotlandshavet

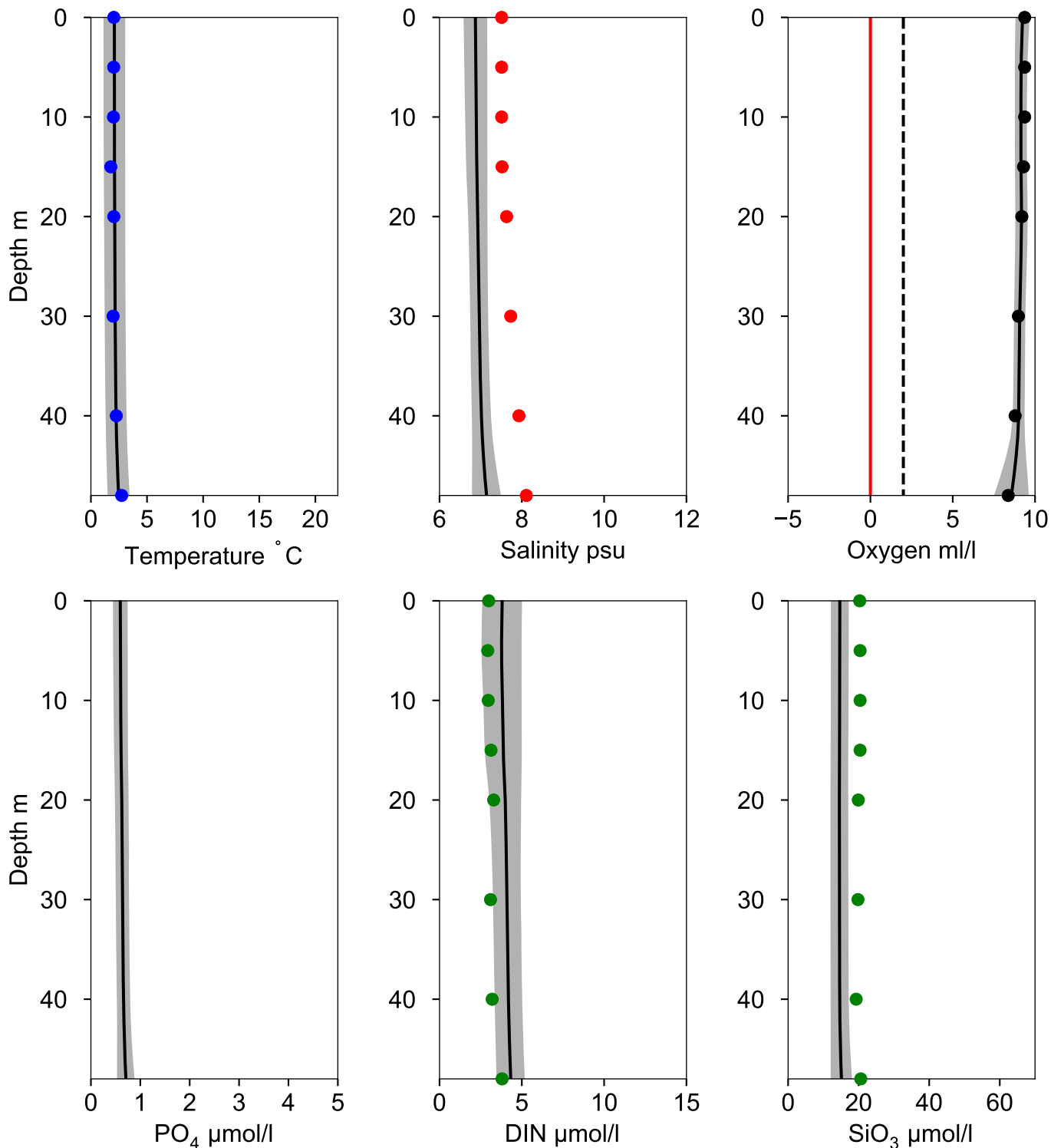
— Mean 1991-2020 St.Dev. ● 2026



Vertical profiles BY39 ÖLANDS SÖDRA March

Statistics based on data from: Västra Gotlandshavet

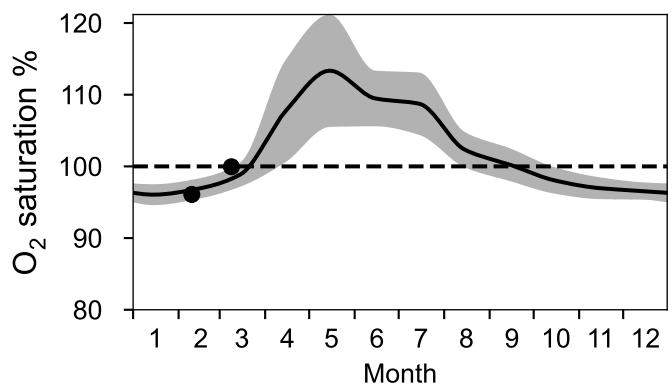
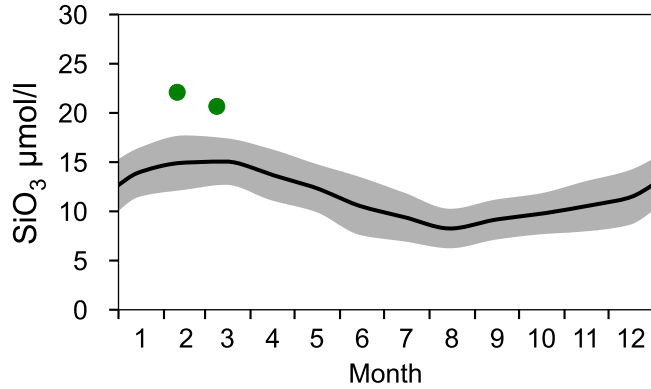
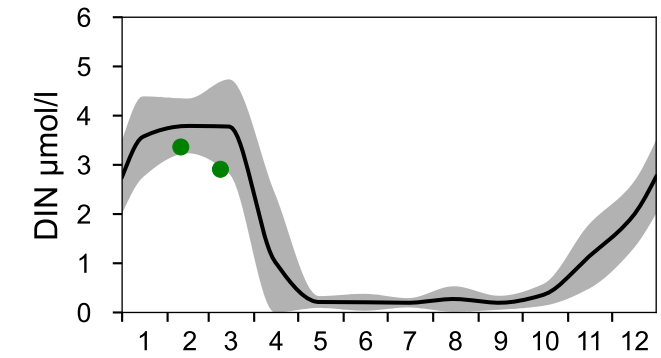
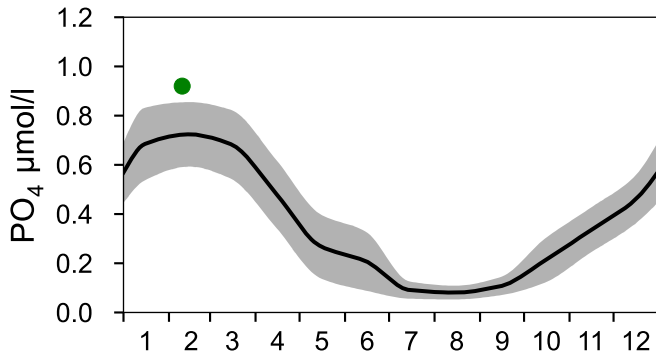
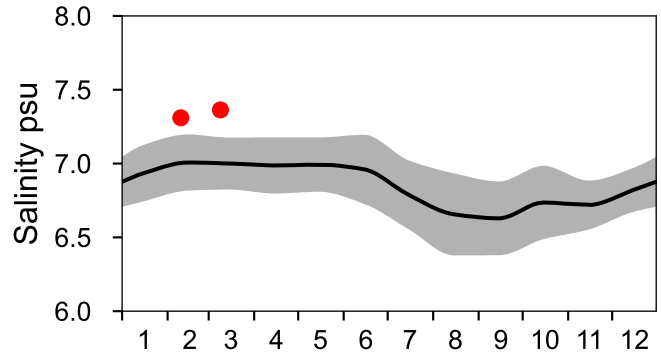
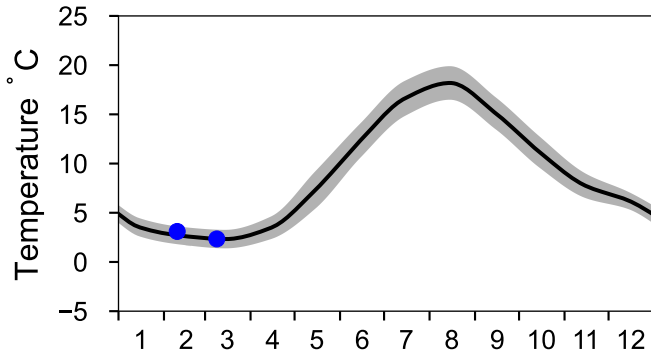
— Mean 1991-2020 St.Dev. ● 2026-03-08



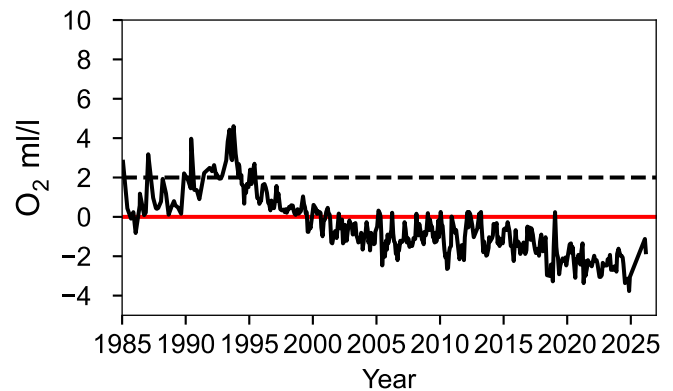
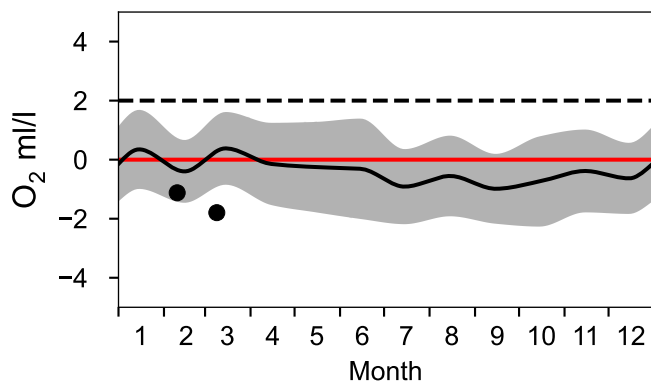
STATION BY38 KARLSÖDJ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026



OXYGEN IN BOTTOM WATER (depth >= 100 m)

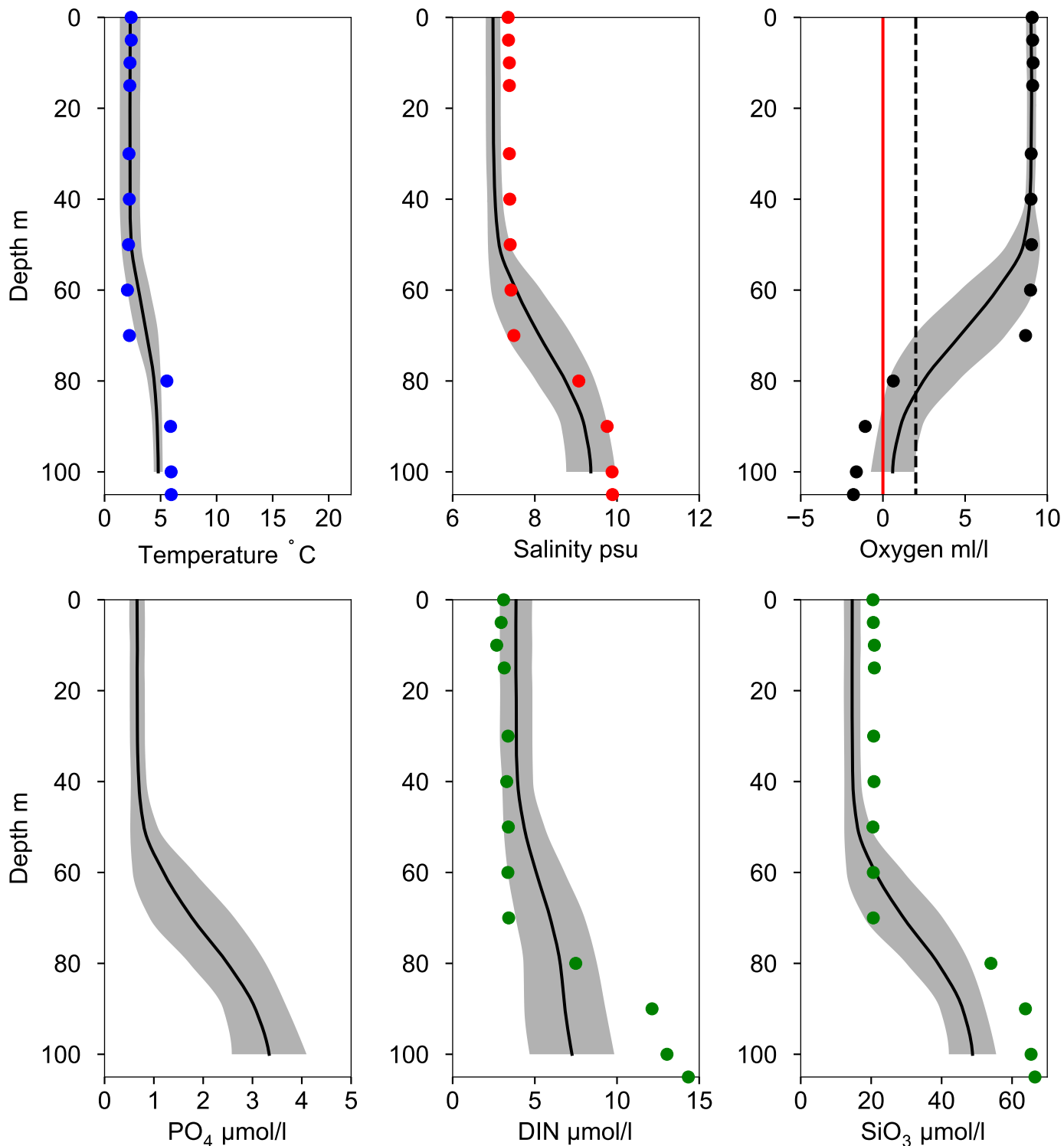


Vertical profiles BY38 KARLSÖDJ March

— Mean 1991-2020

■ St.Dev.

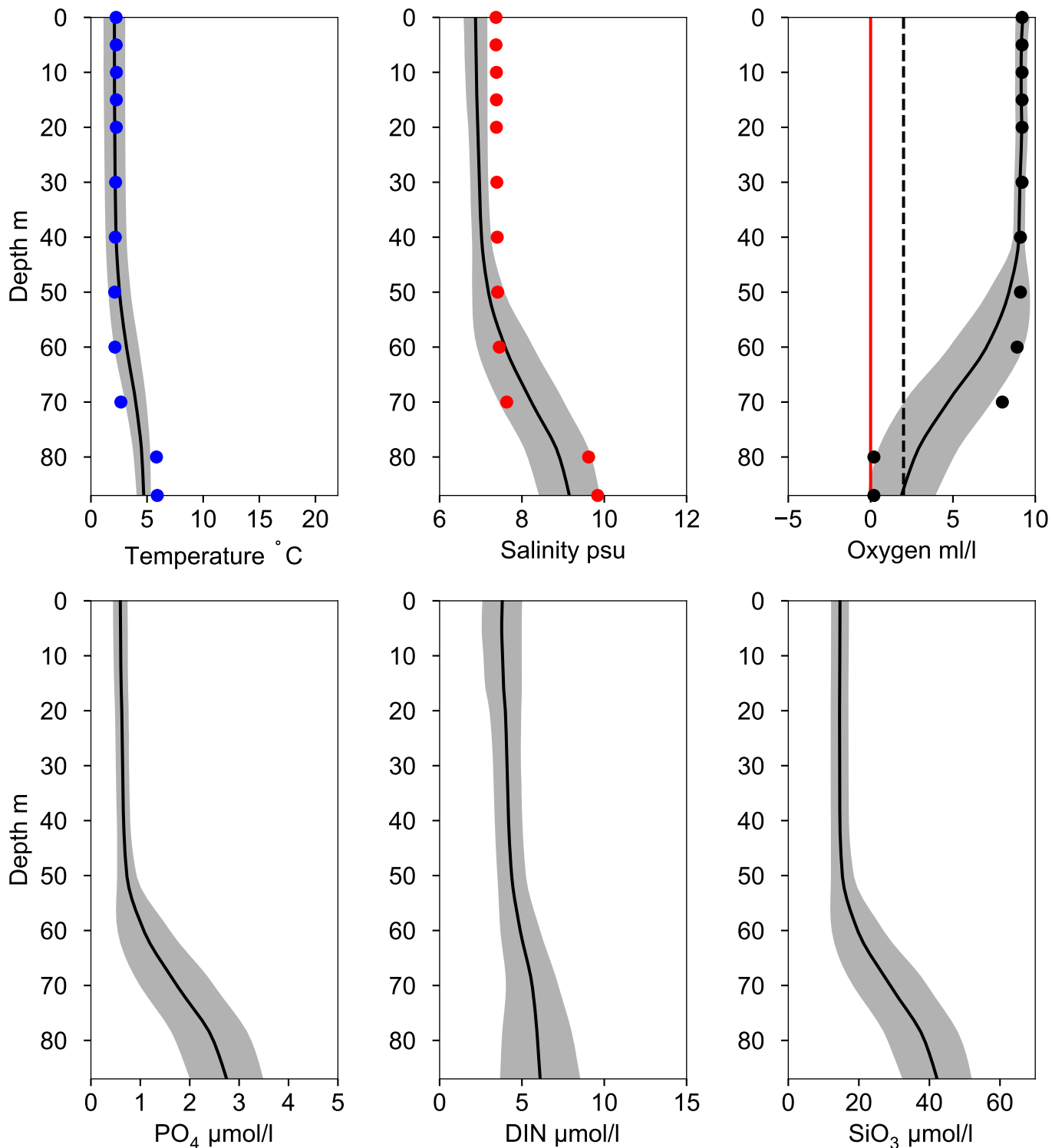
● 2026-03-09



Vertical profiles KNOLLS GRUND March

Statistics based on data from: Västra Gotlandshavet

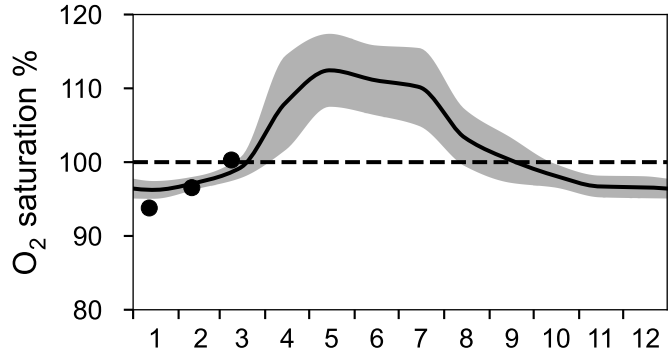
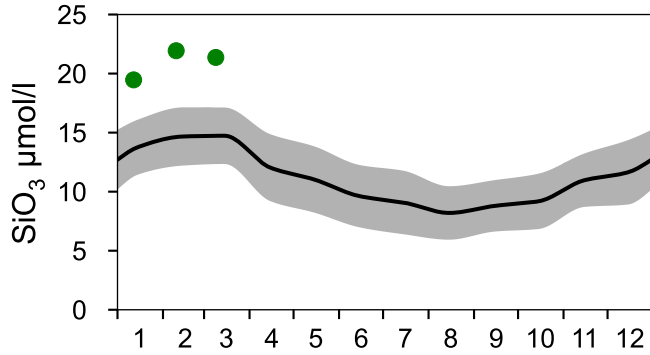
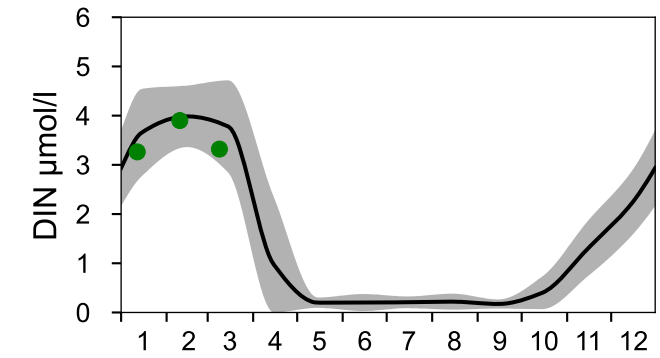
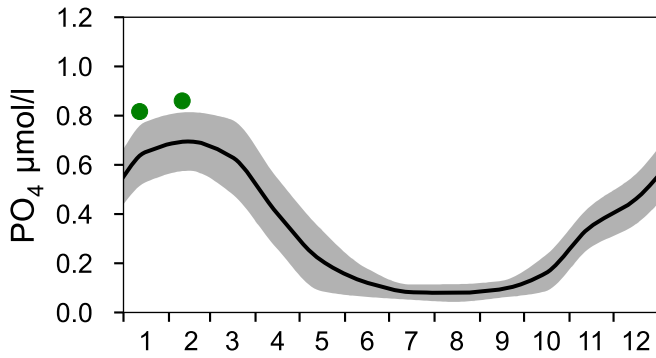
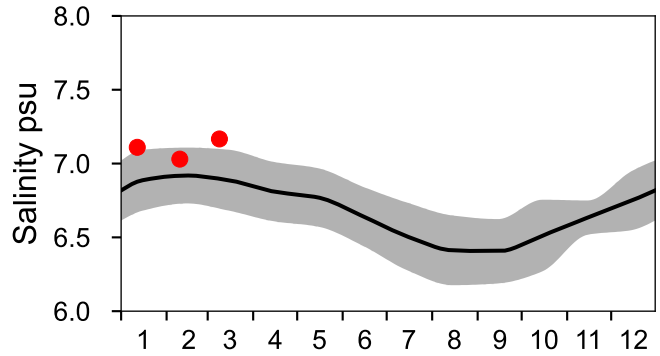
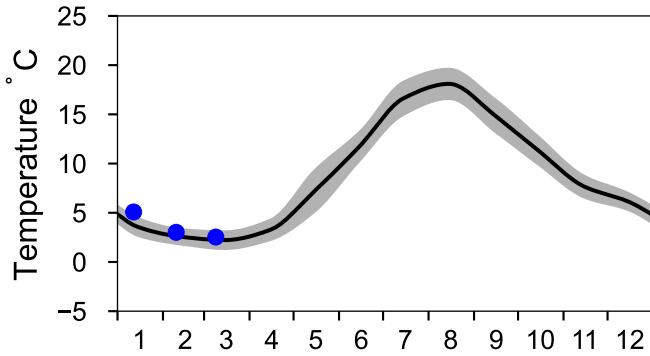
— Mean 1991-2020 ■ St.Dev. ● 2026-03-09



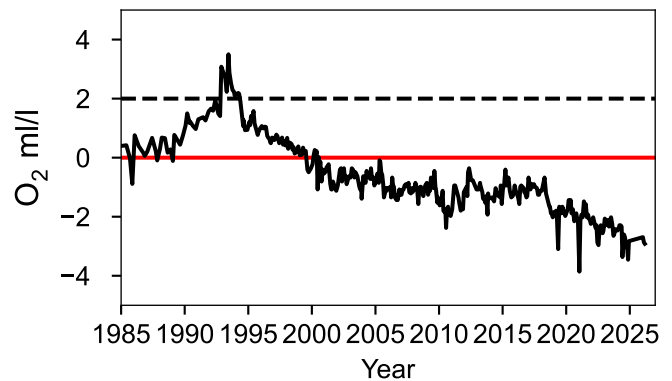
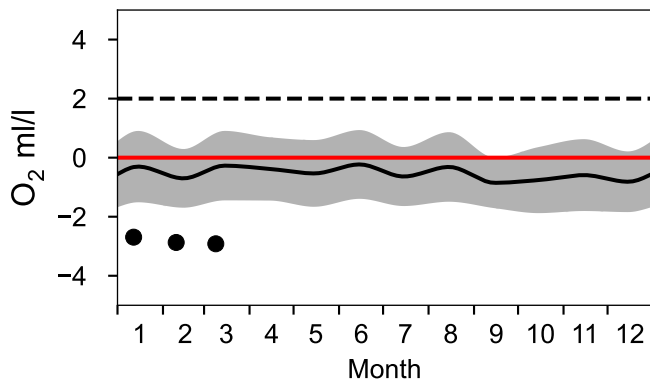
STATION BY32 NORRKÖPINGSDJ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

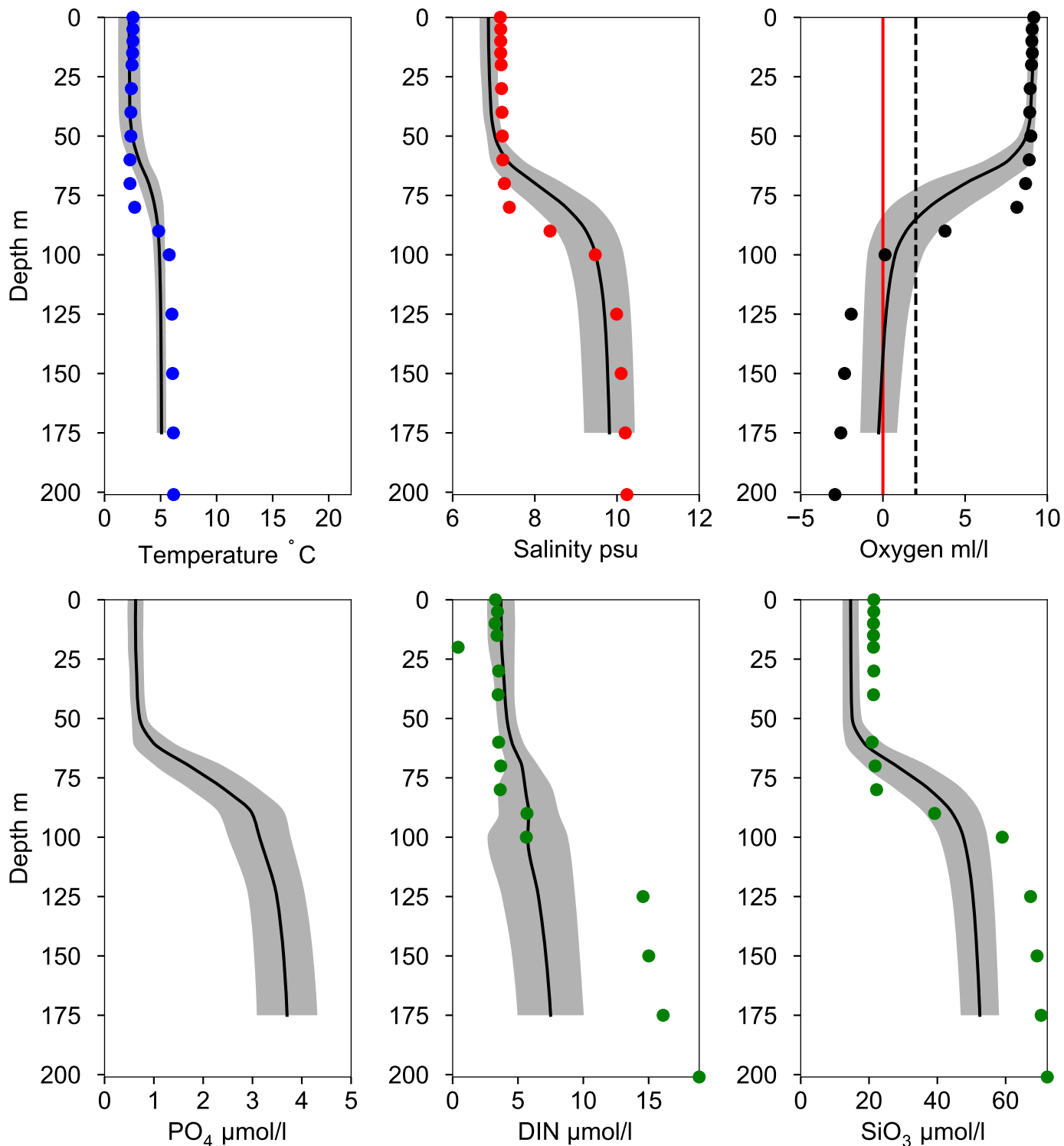


OXYGEN IN BOTTOM WATER (depth >= 175 m)



Vertical profiles BY32 NORRKÖPINGSDJ March

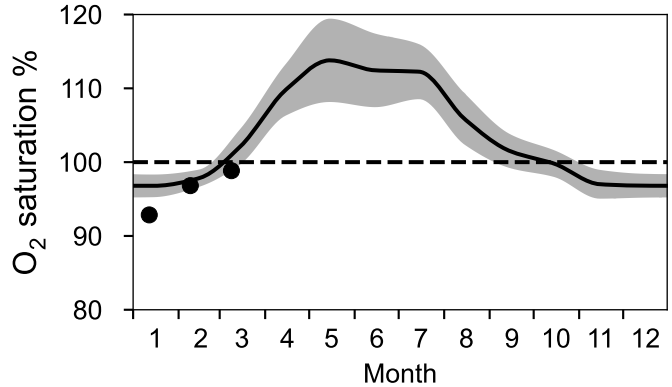
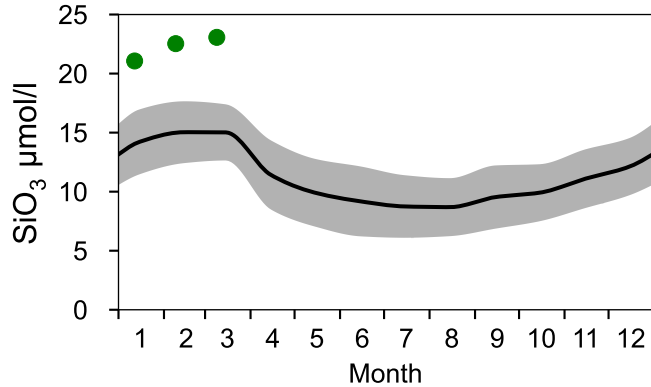
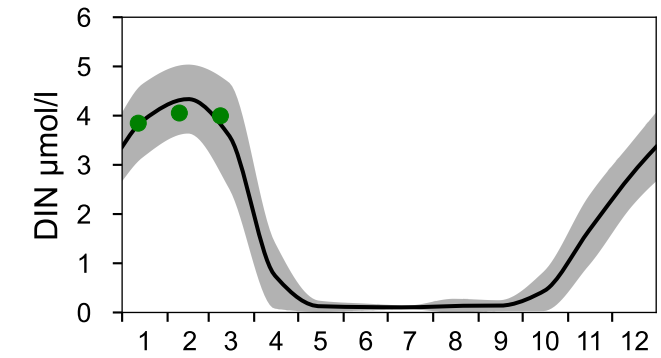
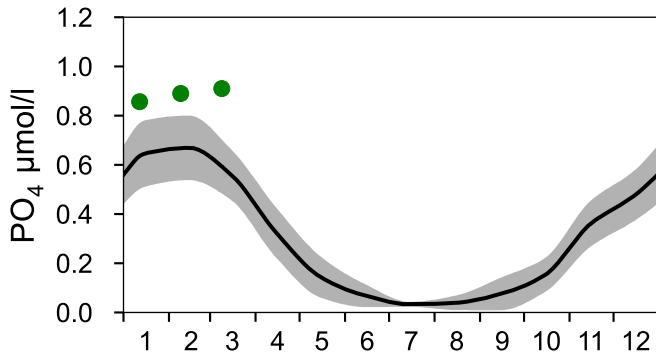
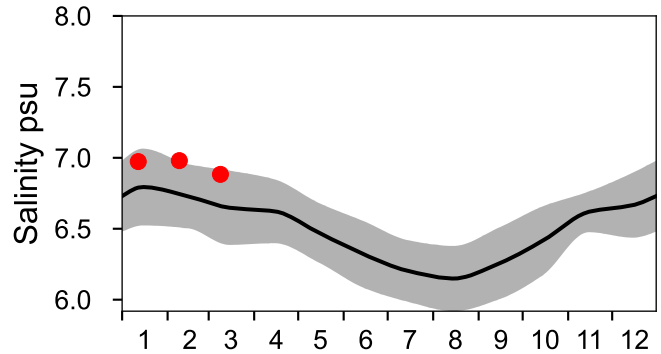
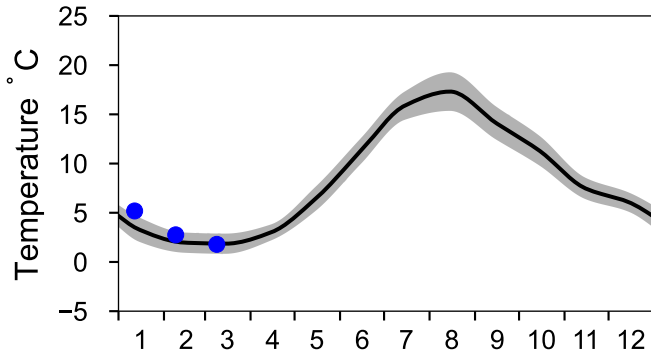
— Mean 1991-2020 ■ St.Dev. ● 2026-03-09



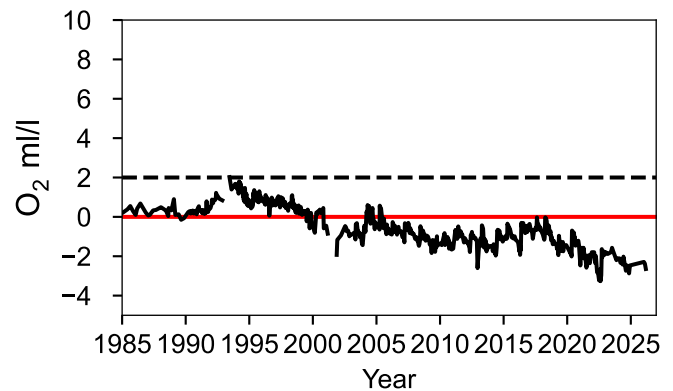
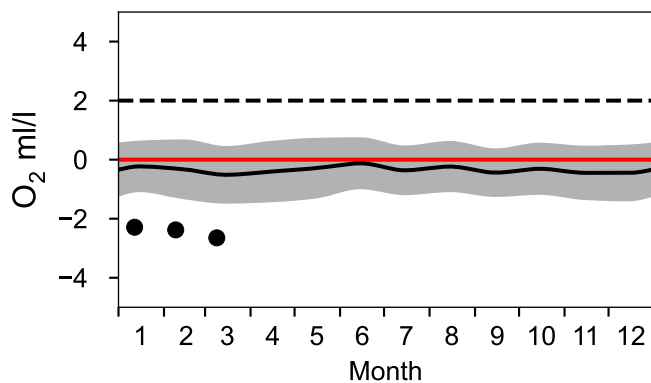
STATION BY31 LANDSORTSDJ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

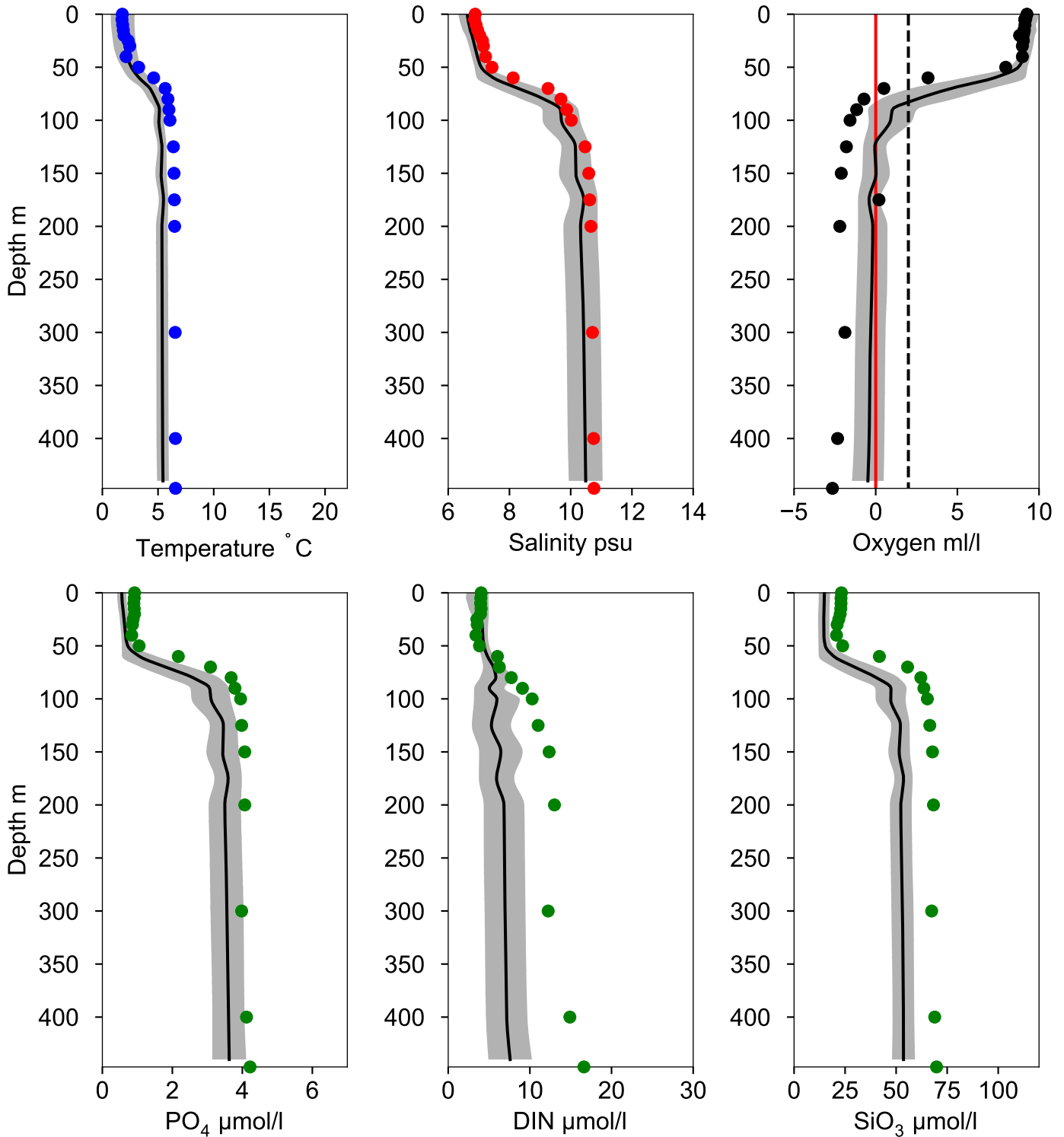


OXYGEN IN BOTTOM WATER (depth >= 419 m)



Vertical profiles BY31 LANDSORTSDJ March

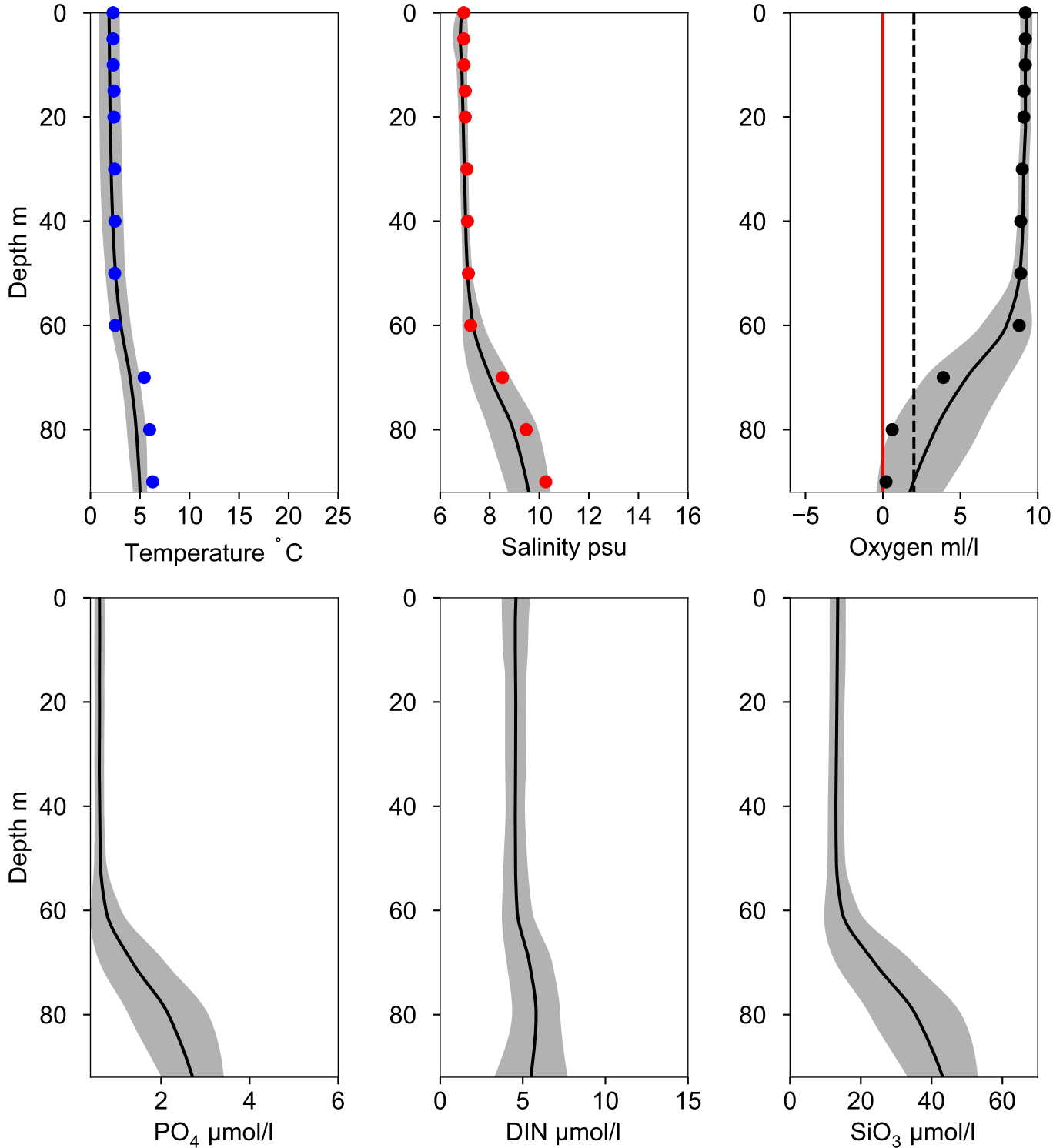
— Mean 1991-2020 St.Dev. ● 2026-03-09



Vertical profiles HUVUDSKÄR March

Statistics based on data from: Norra Egentliga Östersjön

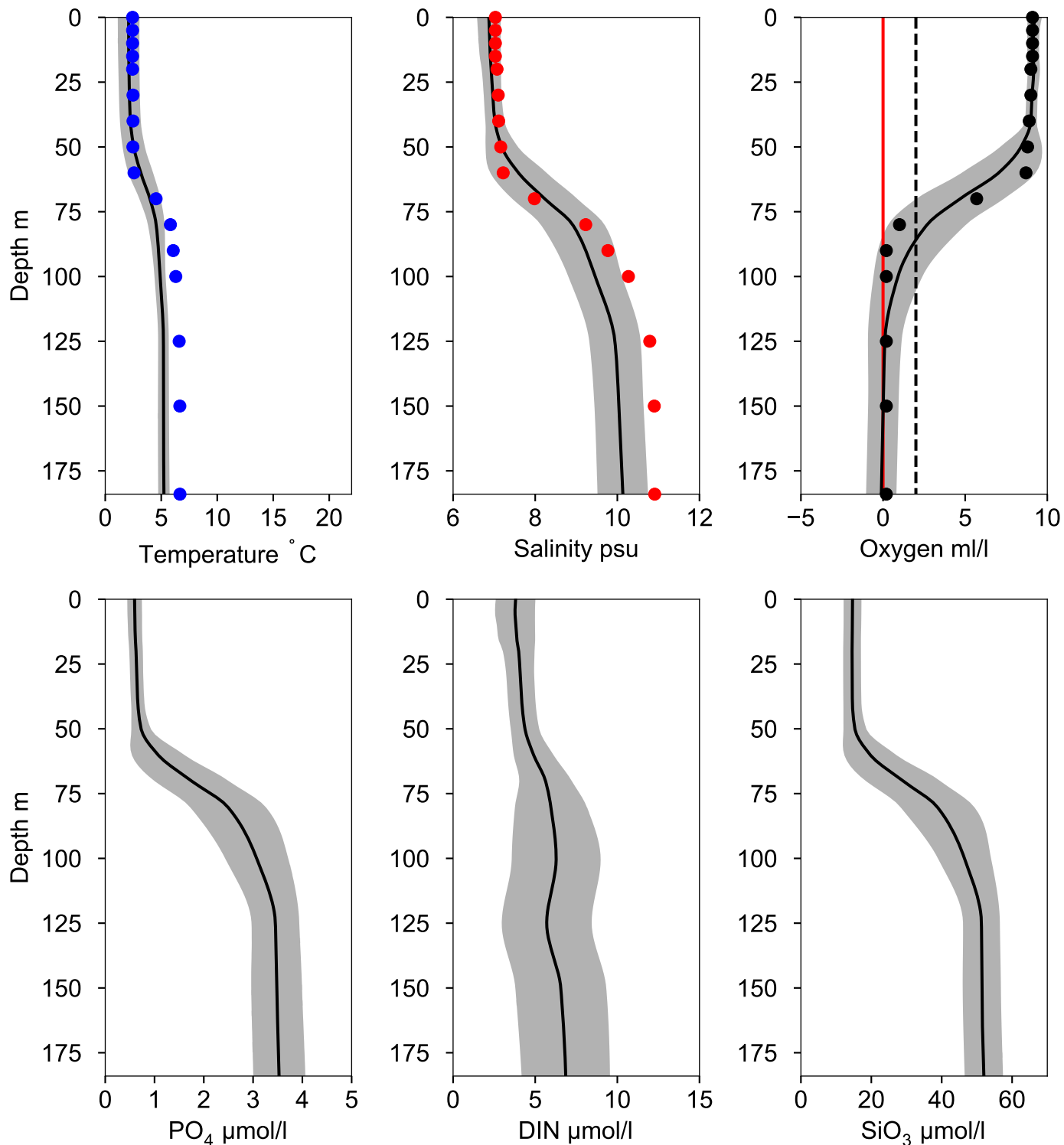
— Mean 1991-2020 ■ St.Dev. ● 2026-03-09



Vertical profiles BY30 March

Statistics based on data from: Västra Gotlandshavet

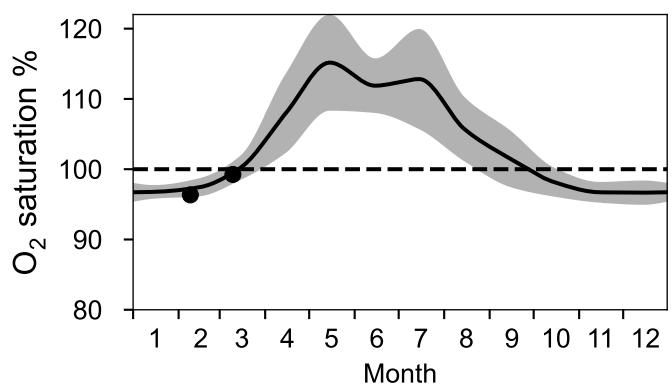
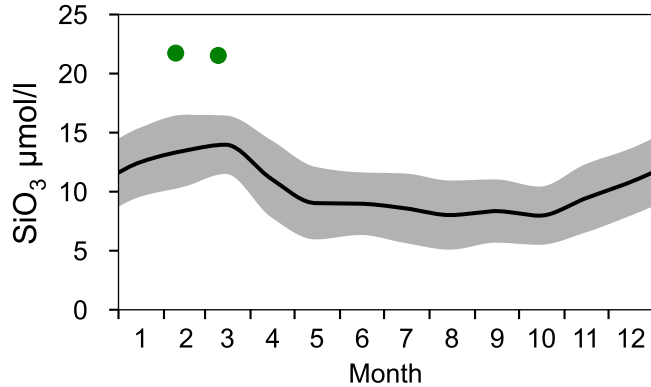
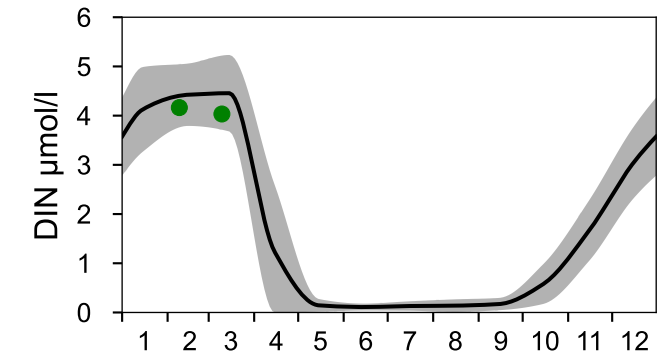
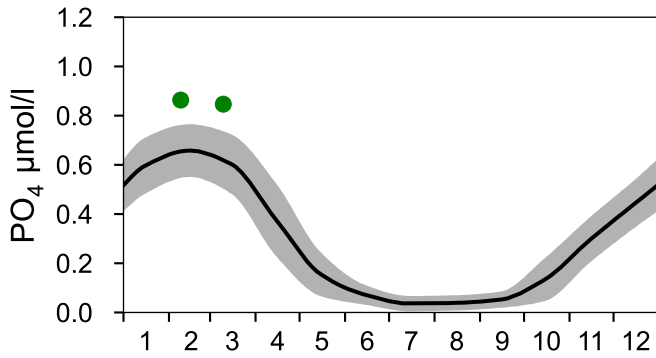
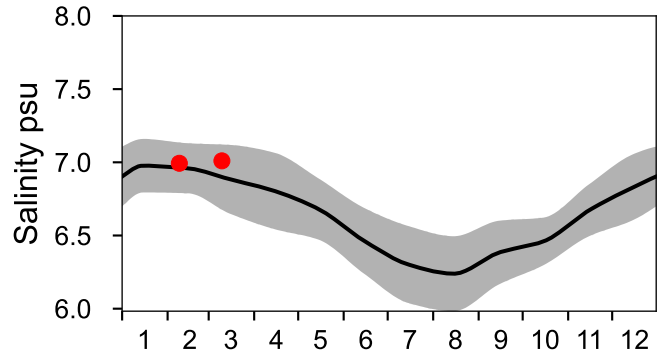
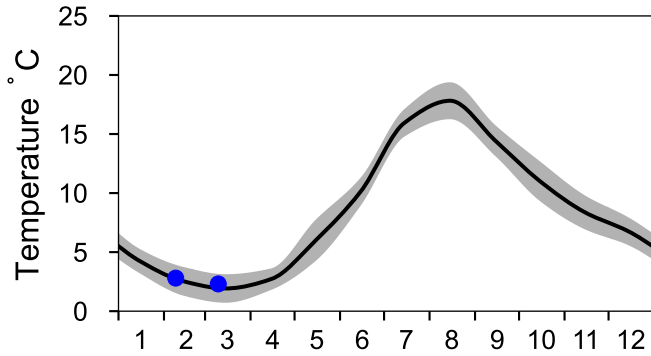
— Mean 1991-2020 St.Dev. ● 2026-03-09



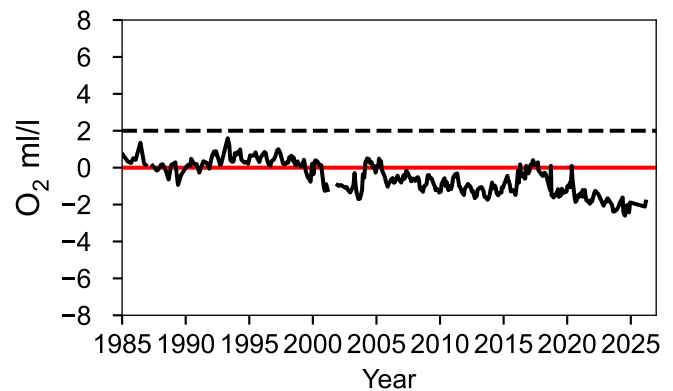
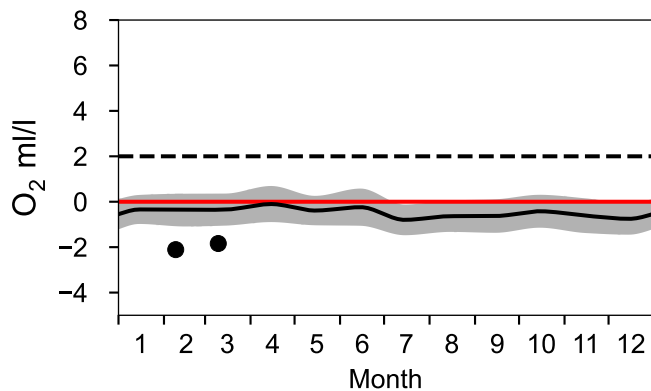
STATION BY29 / LL19 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

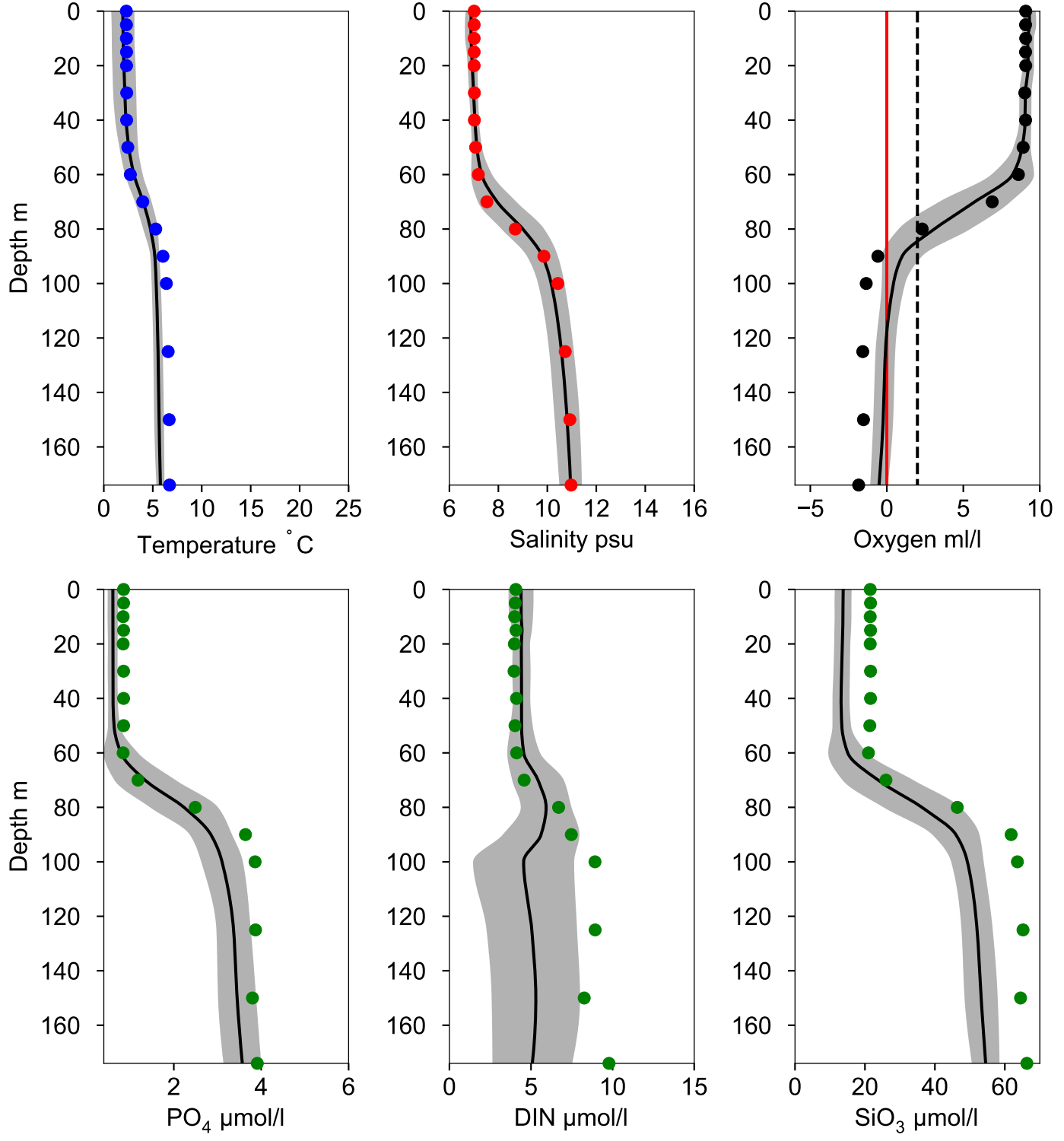


OXYGEN IN BOTTOM WATER (depth >= 150 m)



Vertical profiles BY29 / LL19 March

— Mean 1991-2020 St.Dev. ● 2026-03-10



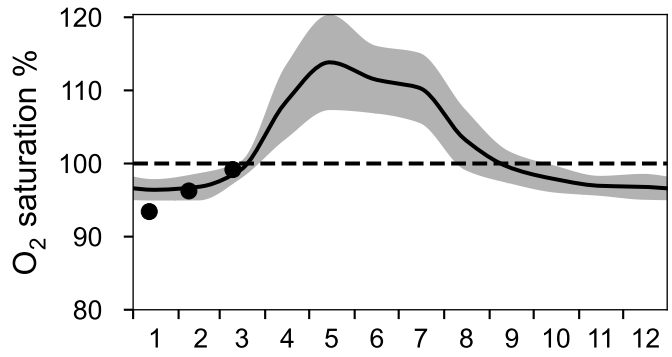
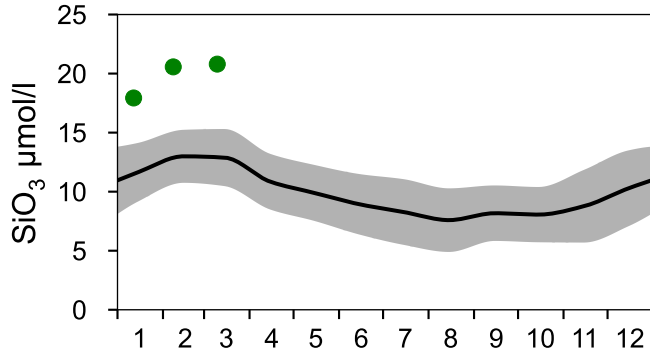
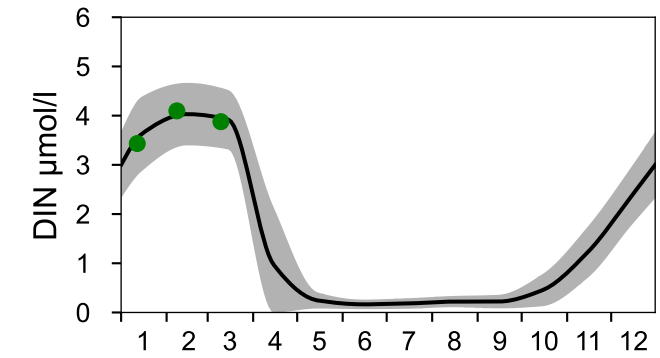
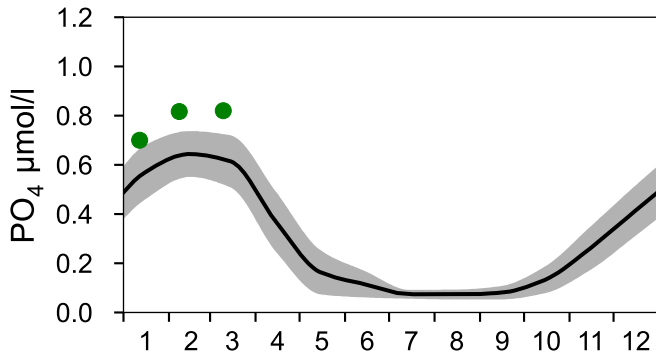
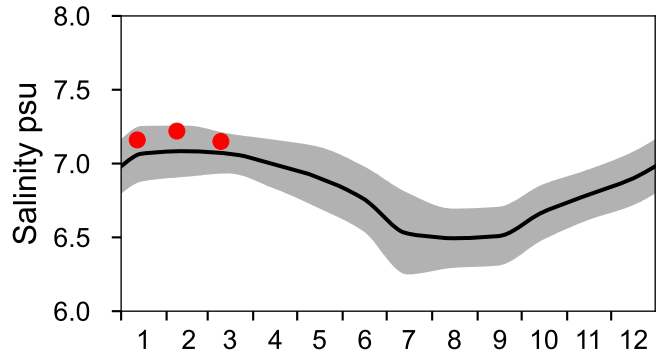
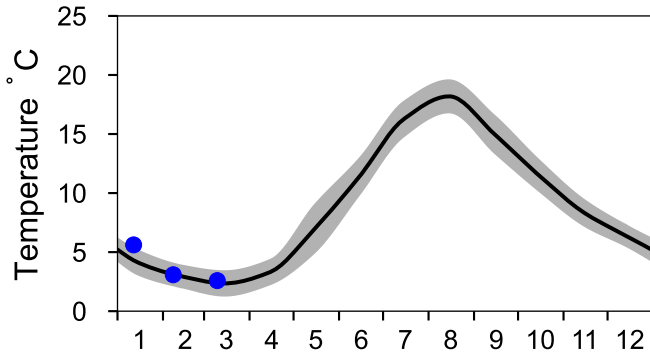
STATION BY20 FÄRÖDJ SURFACE WATER (0-10 m)

Annual Cycles

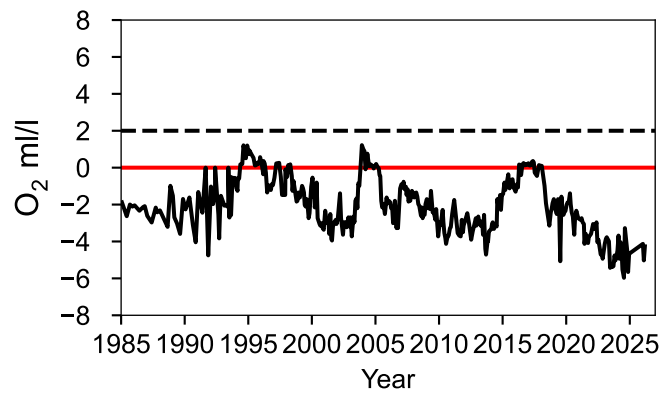
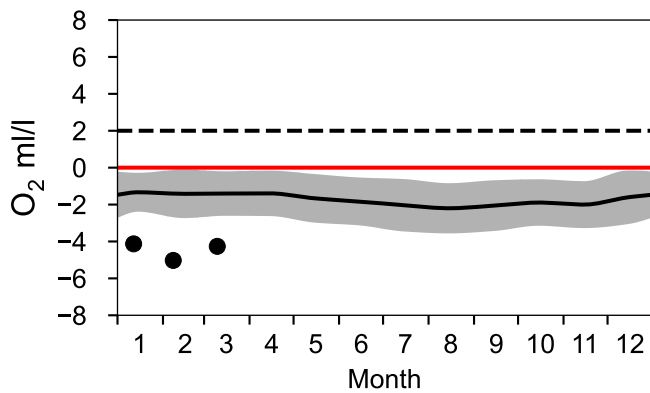
— Mean 1991-2020

■ St.Dev.

● 2026

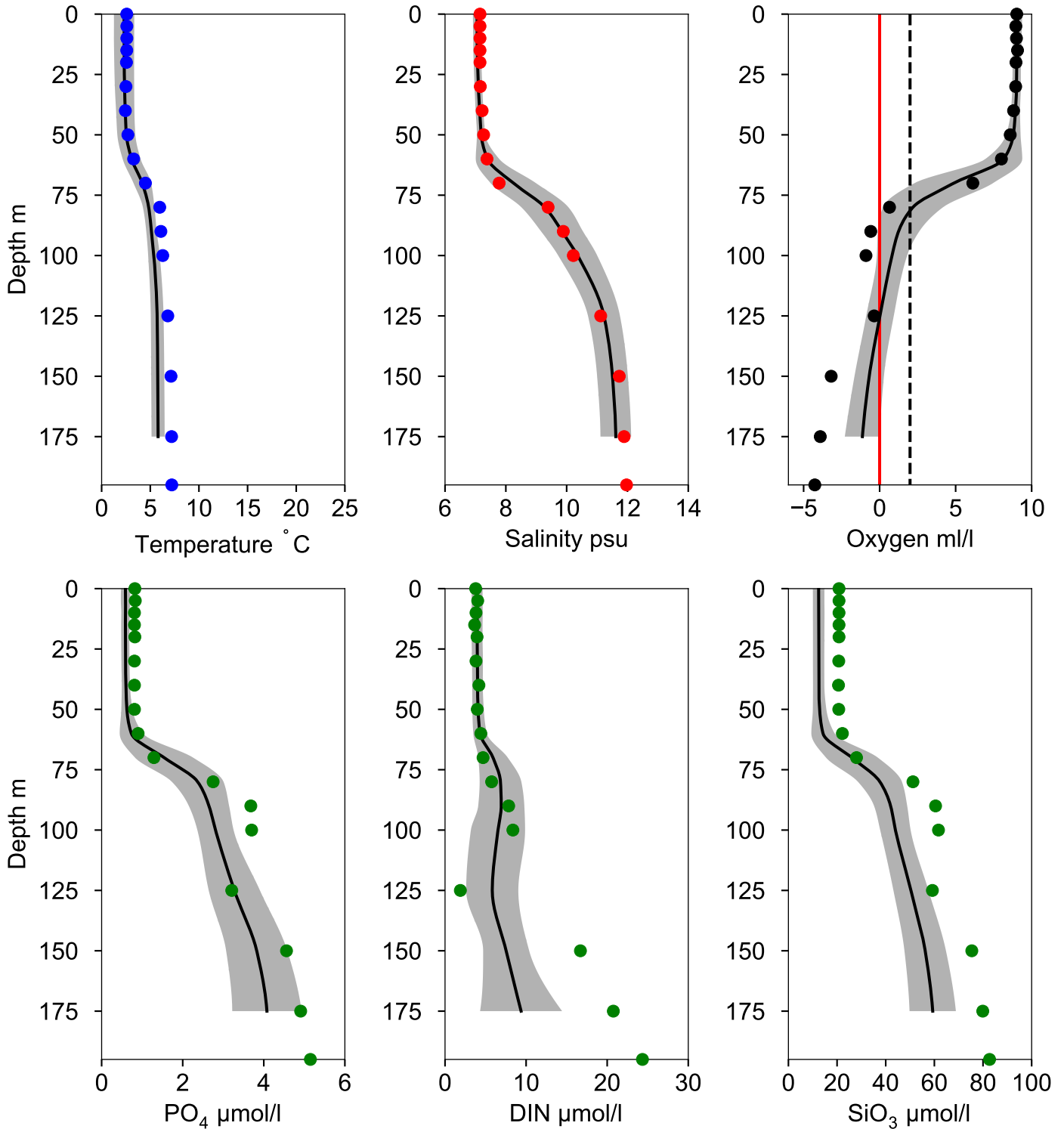


OXYGEN IN BOTTOM WATER (depth >= 175 m)



Vertical profiles BY20 FÅRÖDJ March

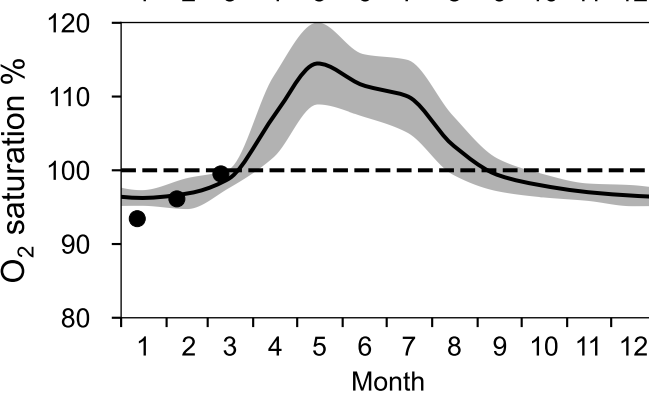
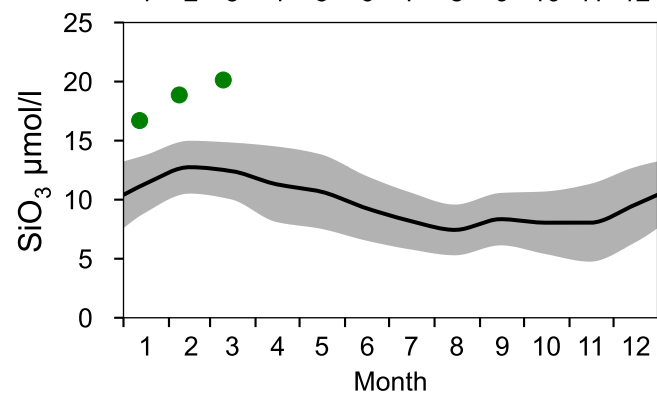
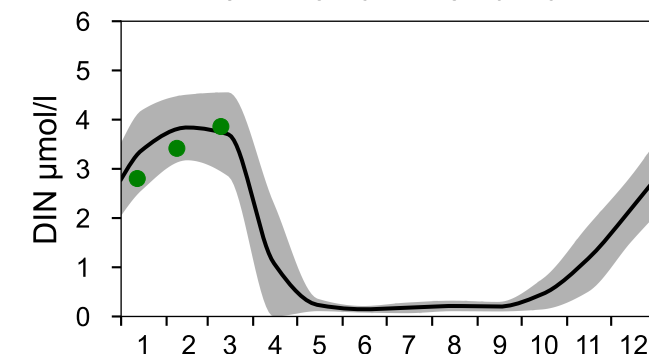
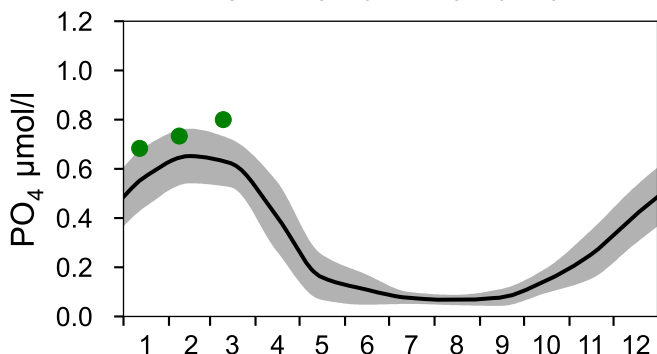
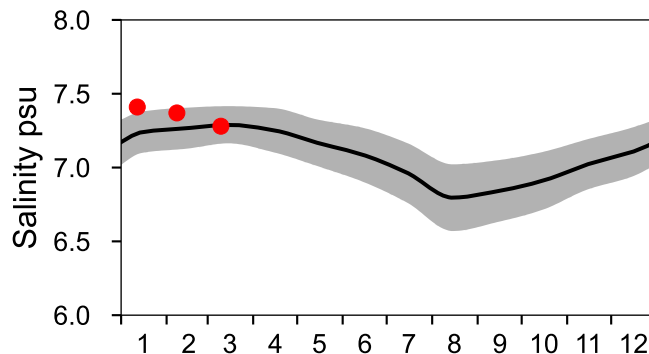
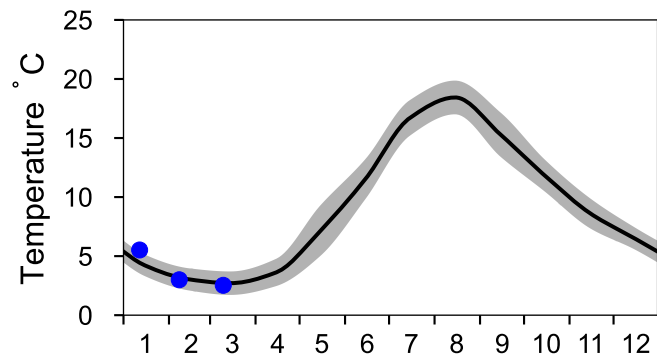
— Mean 1991-2020 ■ St.Dev. ● 2026-03-10



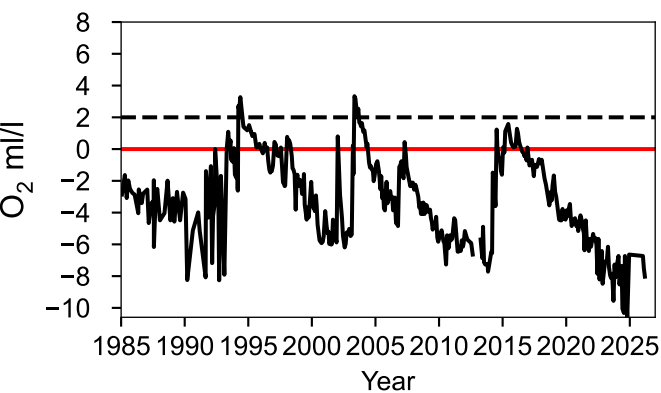
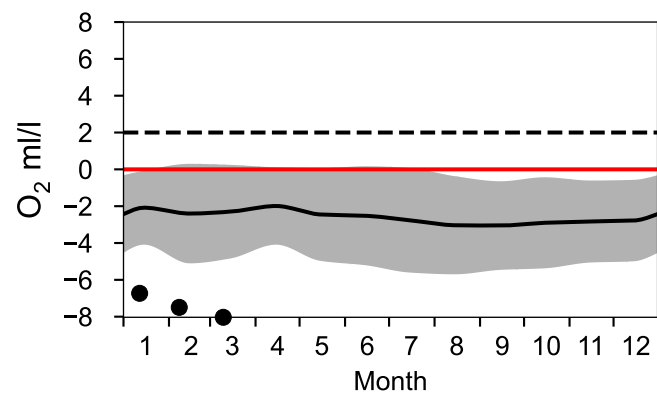
STATION BY15 GOTLANDSDJ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

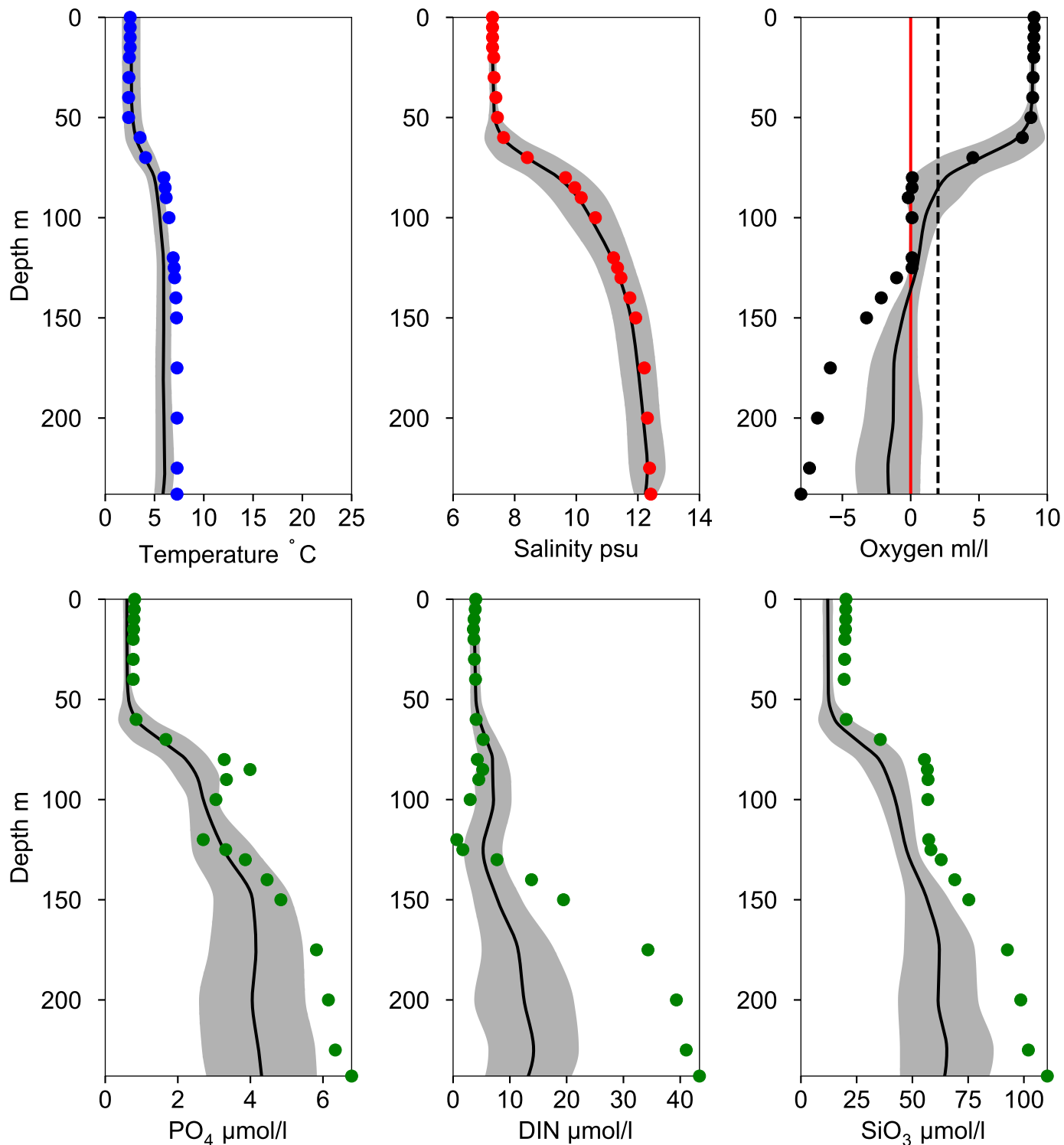


OXYGEN IN BOTTOM WATER (depth >= 225 m)



Vertical profiles BY15 GOTLANDSDJ March

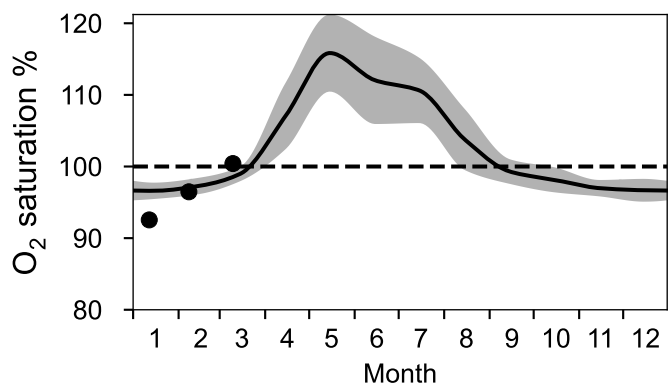
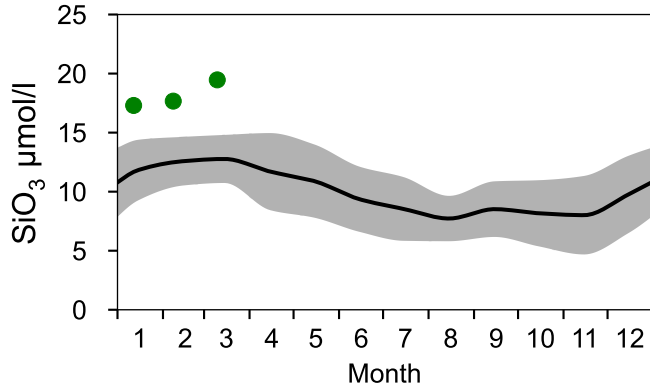
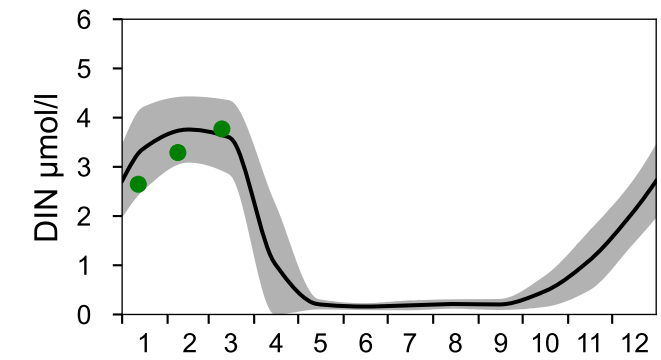
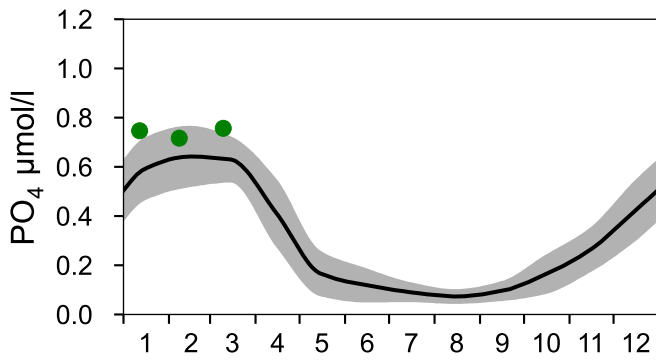
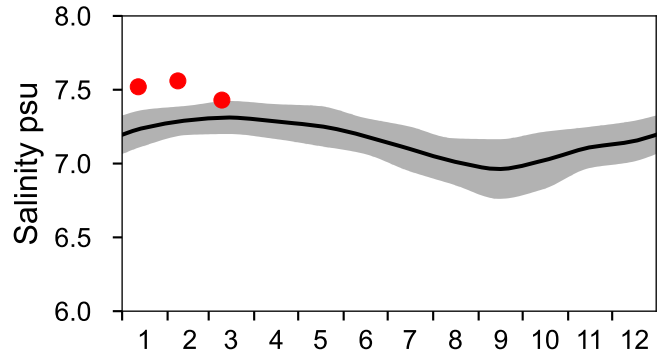
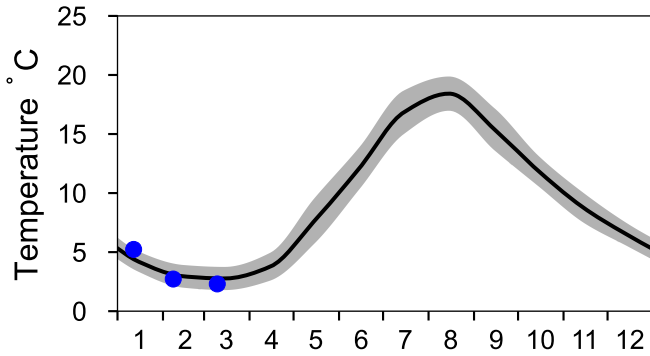
— Mean 1991-2020 St.Dev. ● 2026-03-10



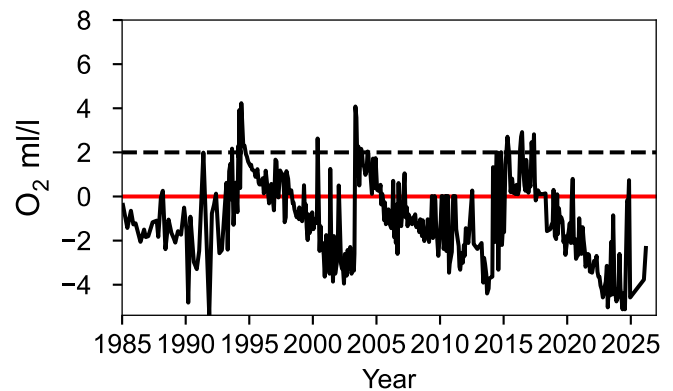
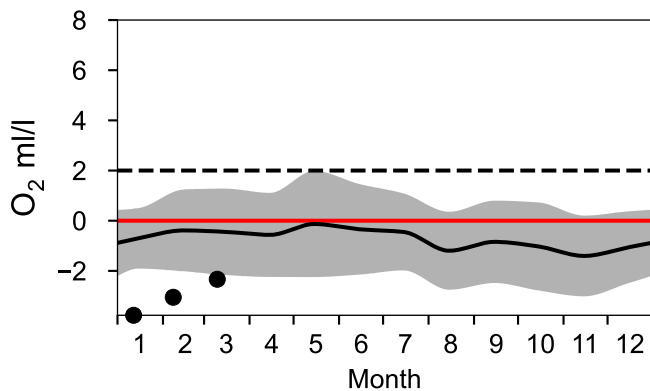
STATION BY10 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

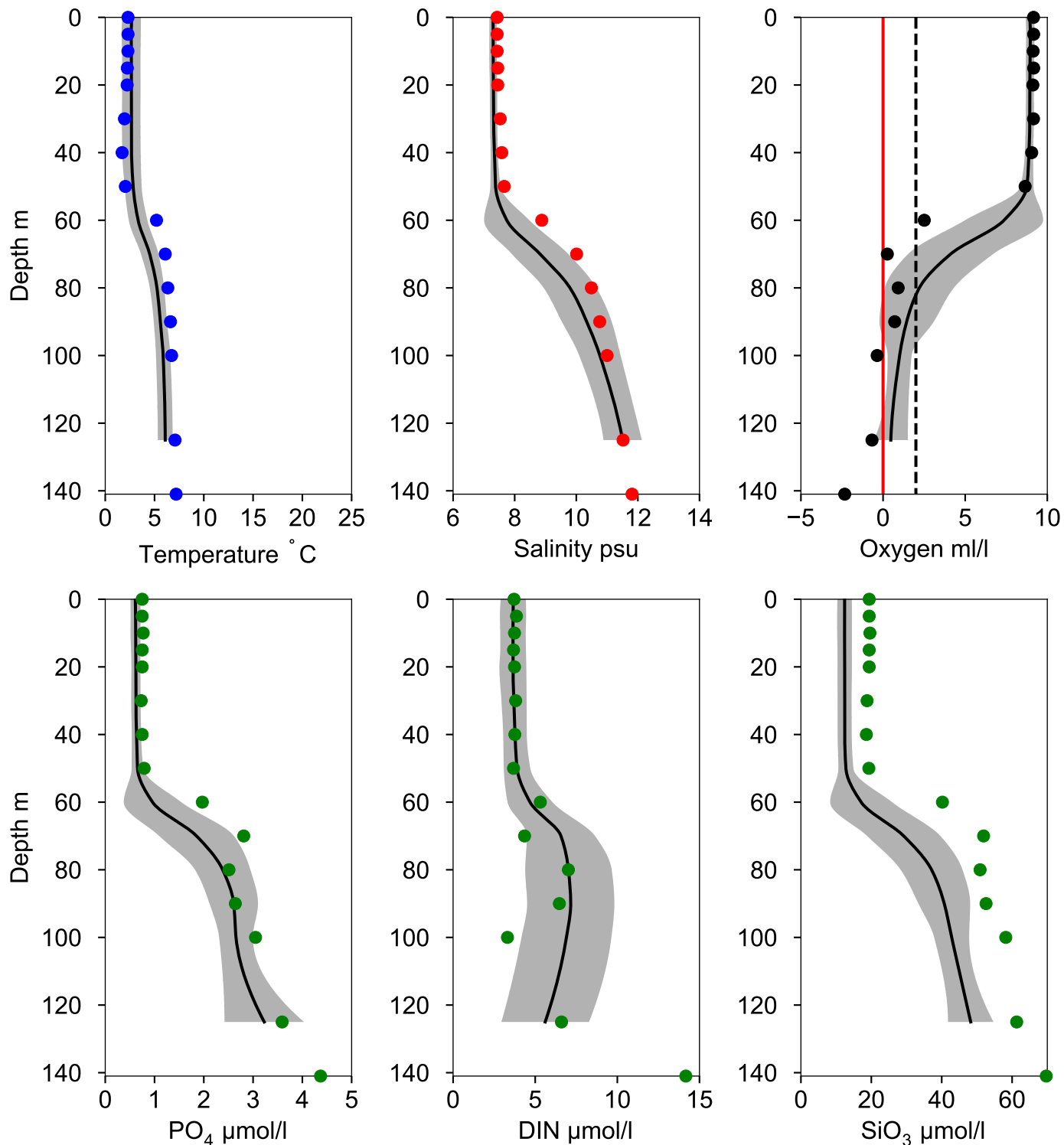


OXYGEN IN BOTTOM WATER (depth >= 125 m)



Vertical profiles BY10 March

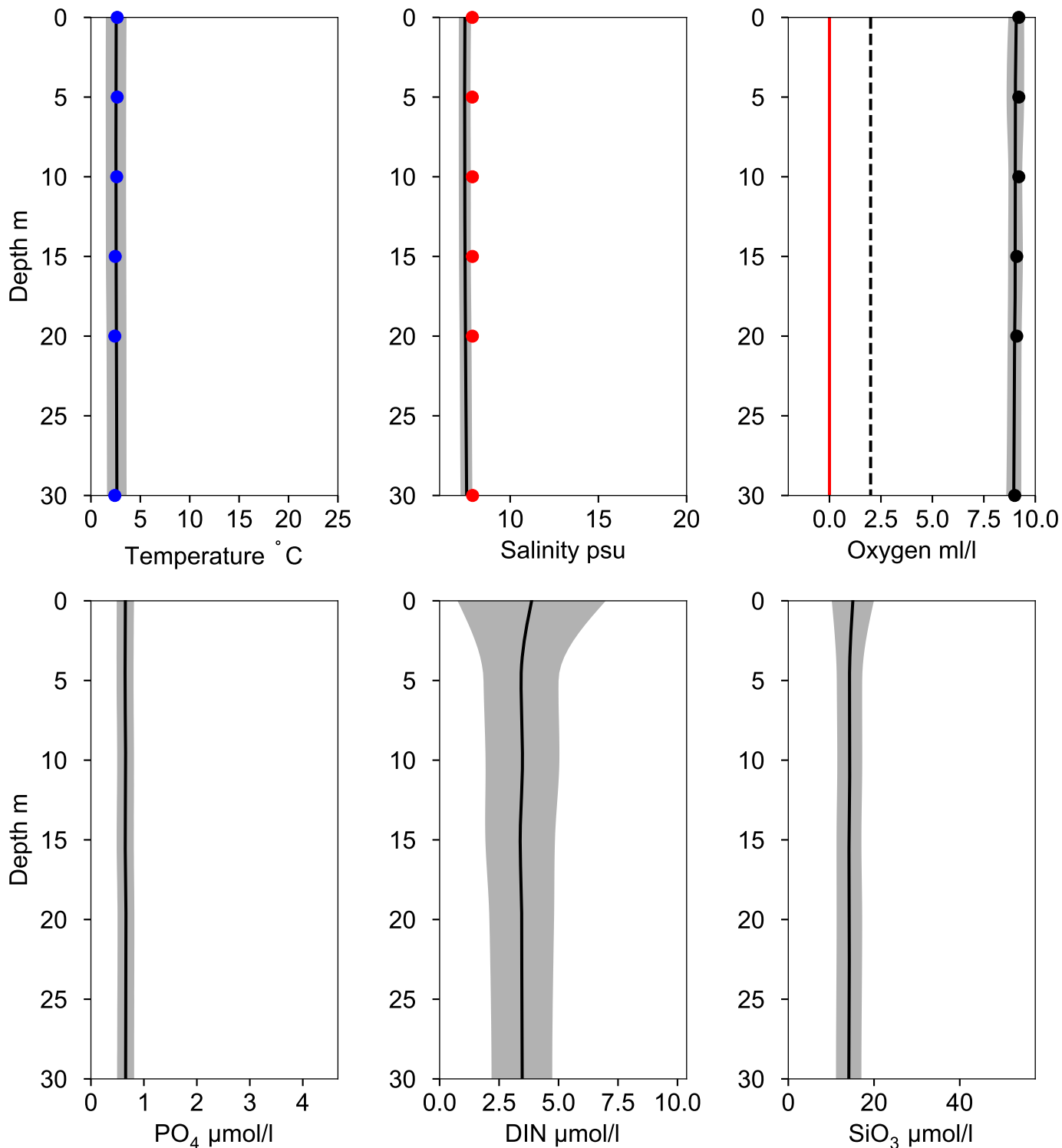
— Mean 1991-2020 St.Dev. ● 2026-03-10



Vertical profiles 14 W SÖDRA MIDSJÖBANKEN March

Statistics based on data from: Bornholmshavet

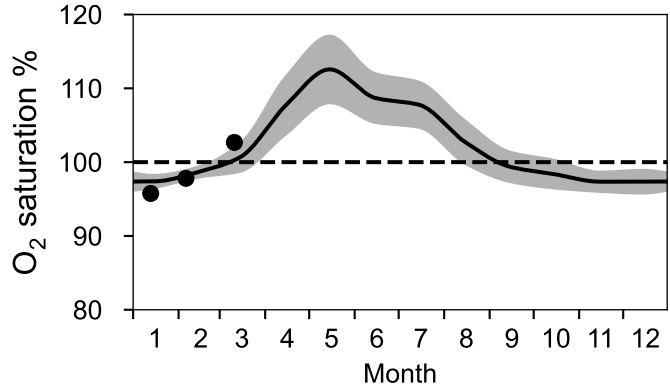
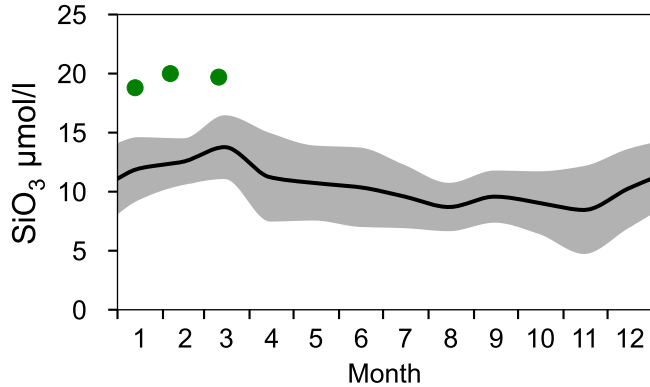
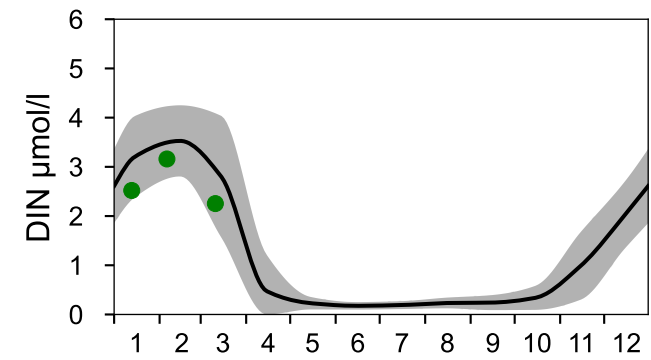
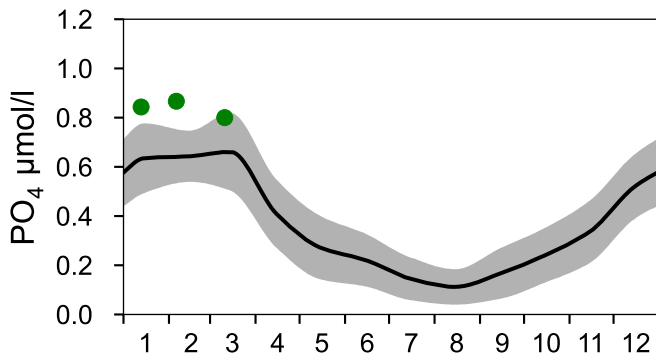
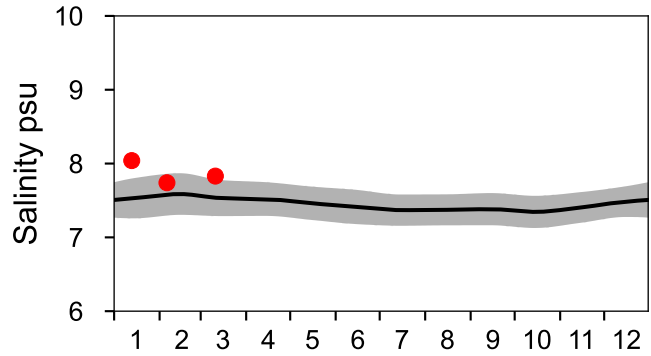
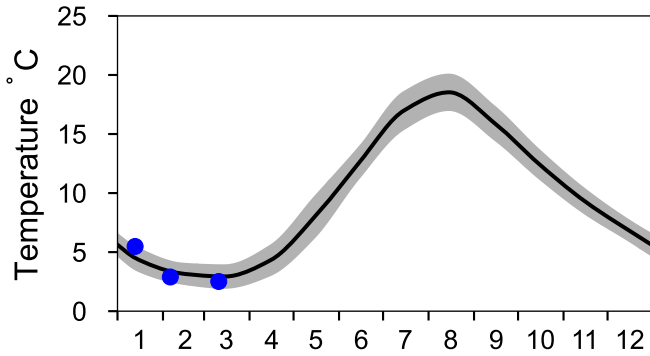
— Mean 1991-2020 ■ St.Dev. ● 2026-03-11



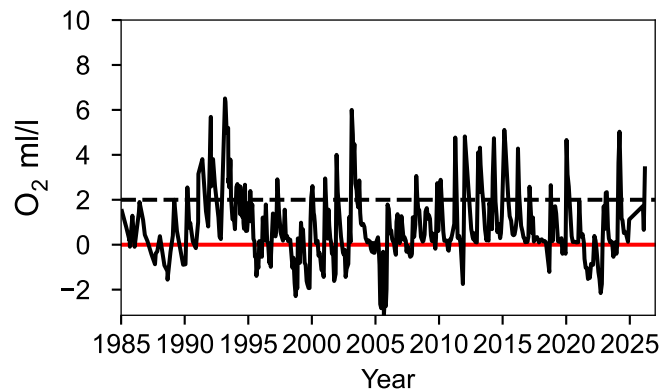
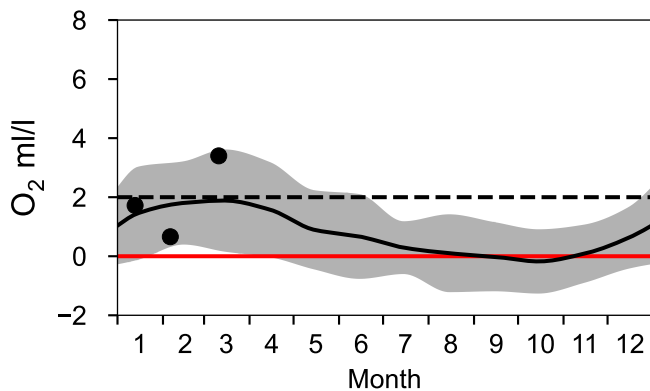
STATION BY5 BORNHOLMSDJ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

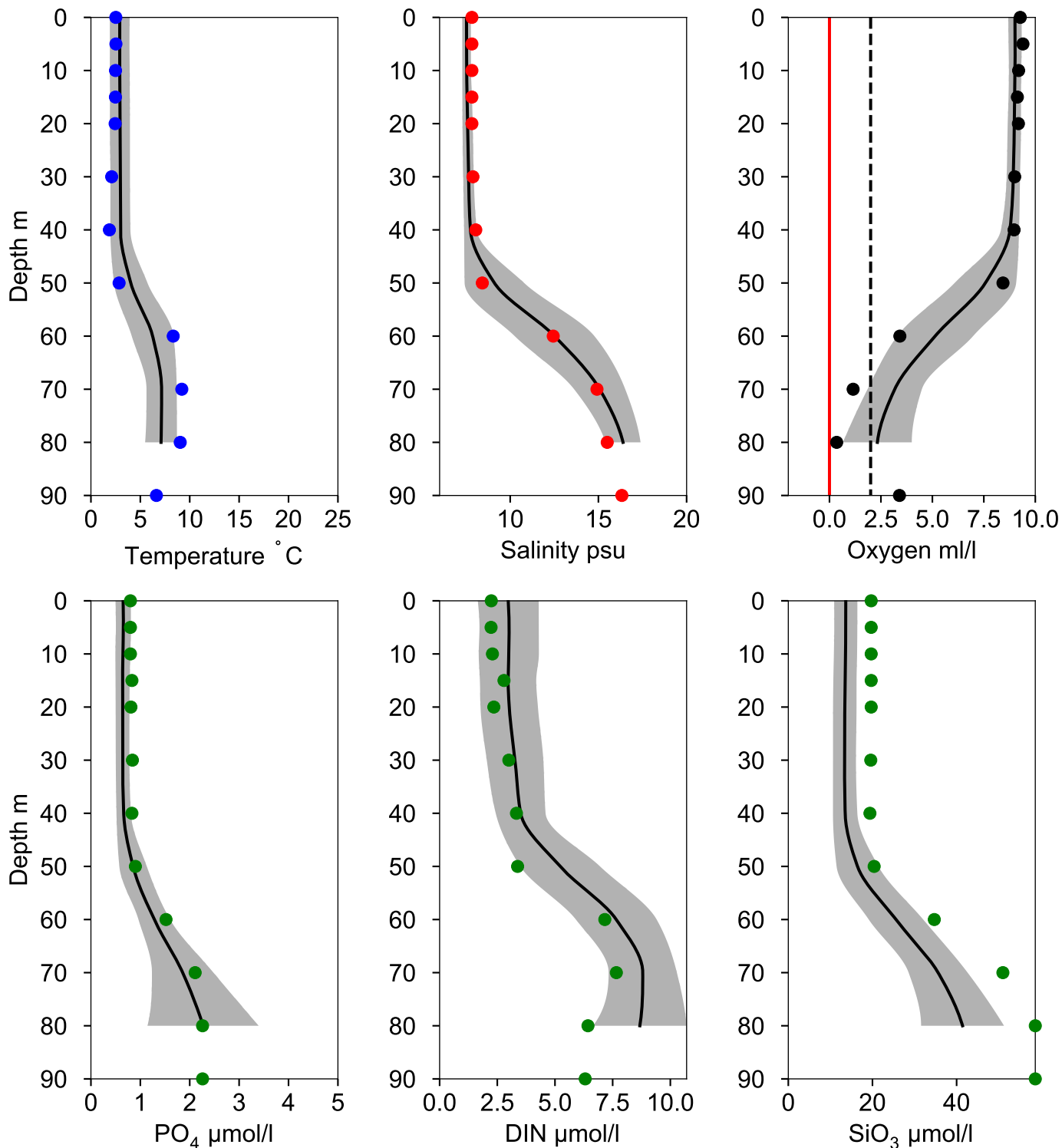


OXYGEN IN BOTTOM WATER (depth >= 80 m)



Vertical profiles BY5 BORNHOLMSDJ March

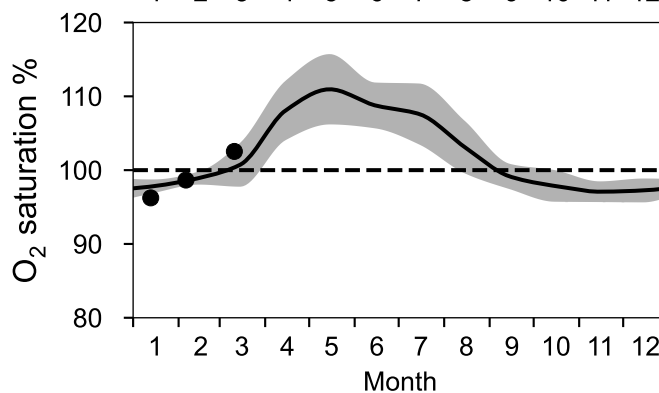
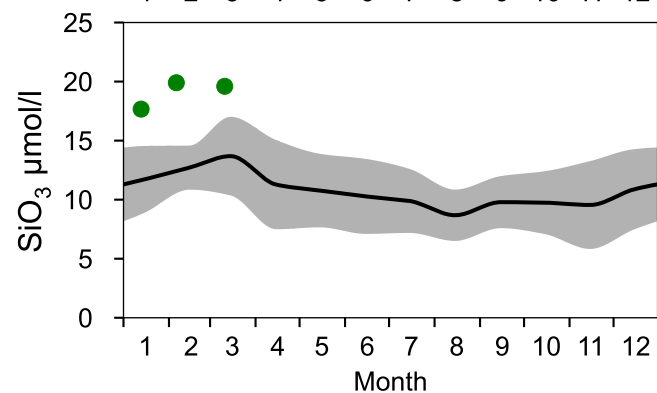
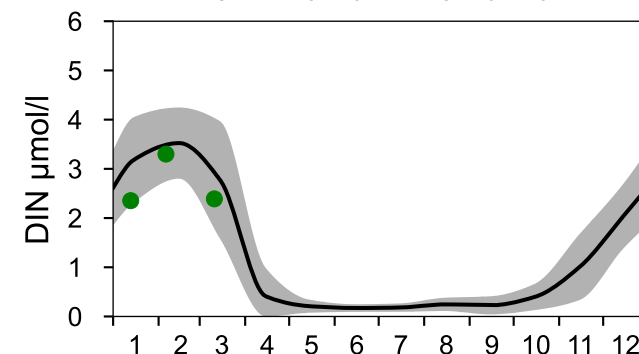
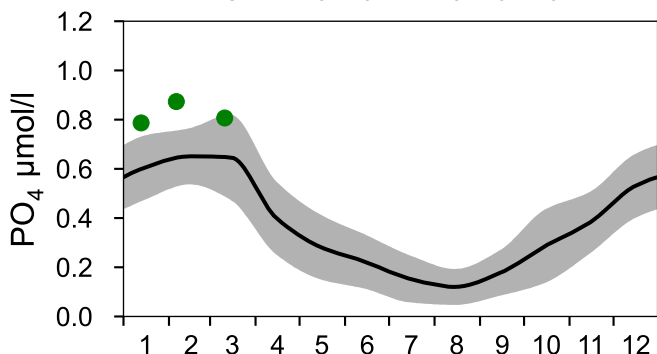
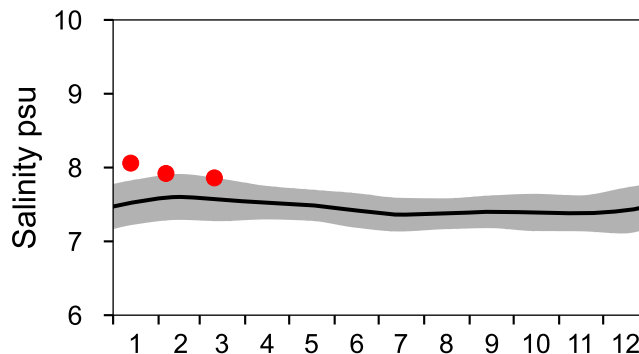
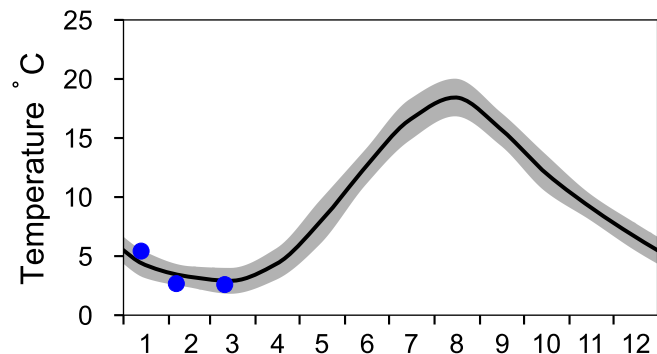
— Mean 1919-2020 ■ St.Dev. ● 2026-03-11



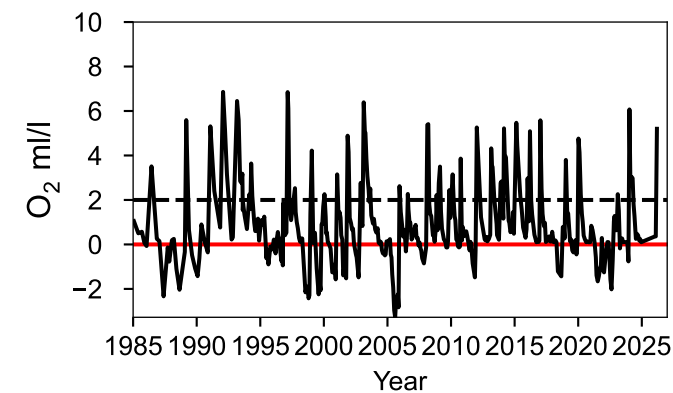
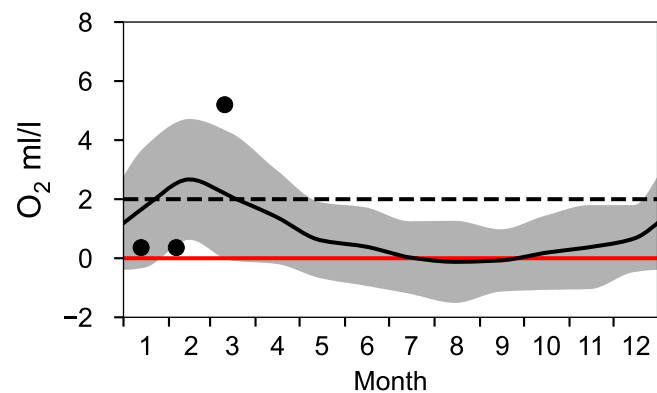
STATION BY4 CHRISTIANSÖ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

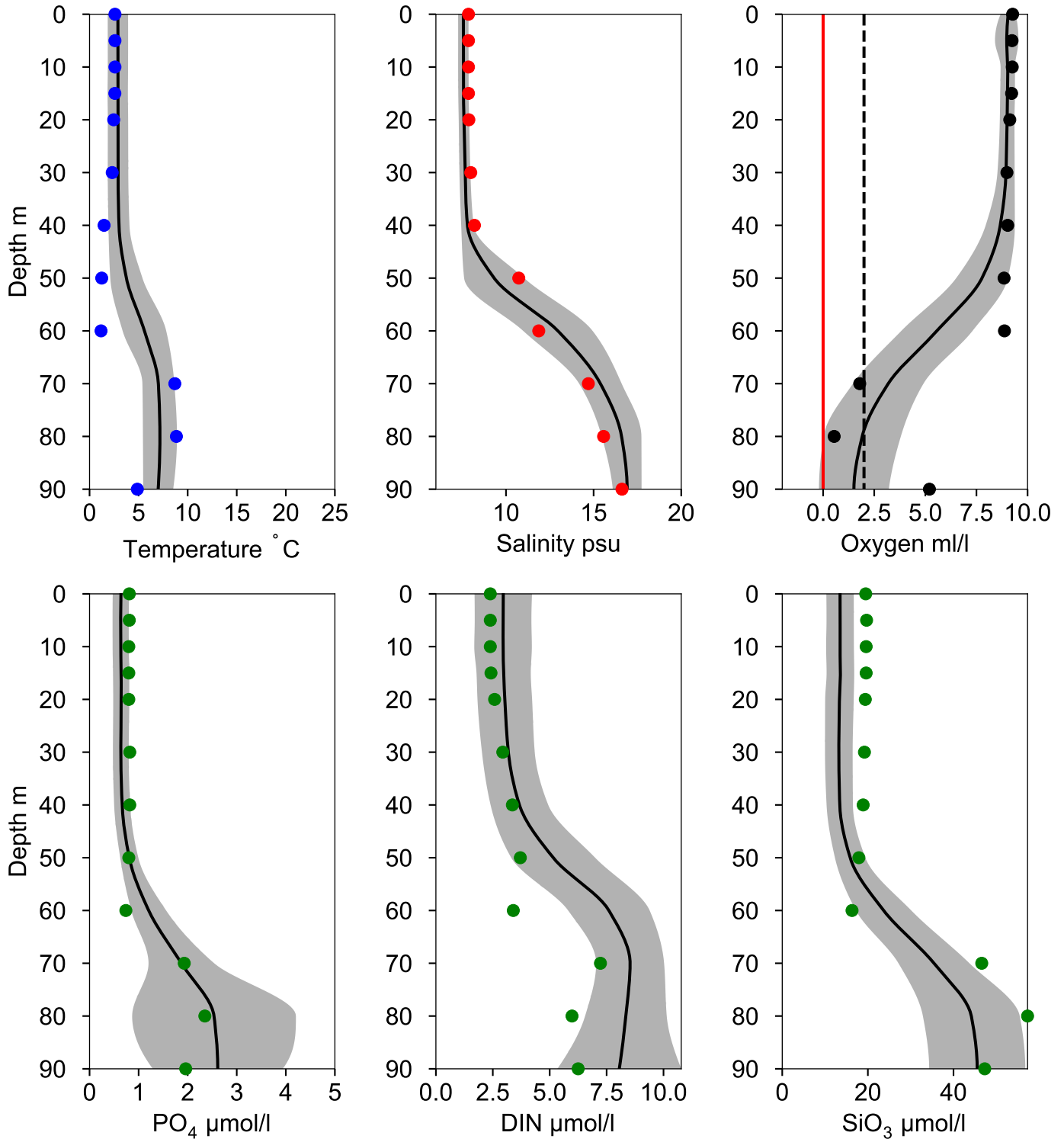


OXYGEN IN BOTTOM WATER (depth >= 80 m)



Vertical profiles BY4 CHRISTIANSÖ March

— Mean 1919-2020 ■ St.Dev. ● 2026-03-11



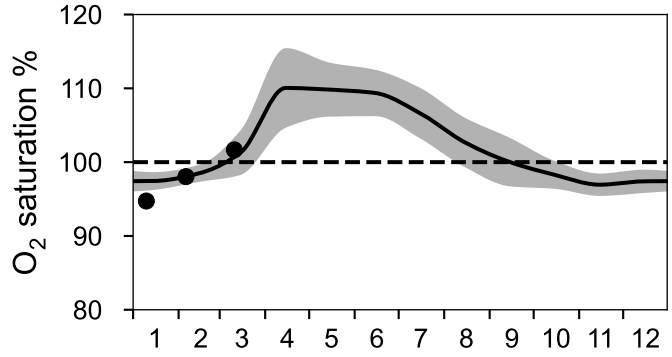
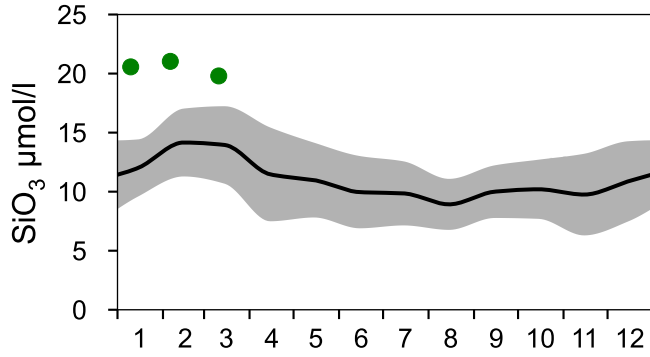
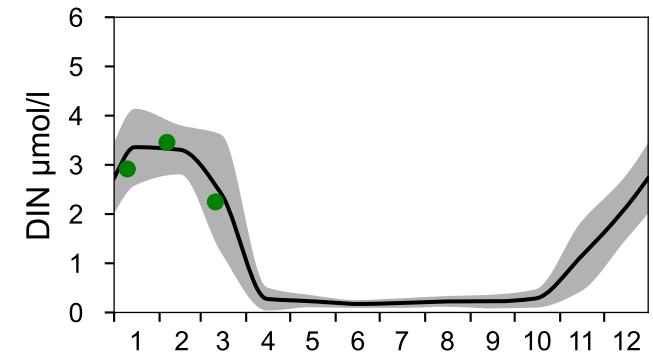
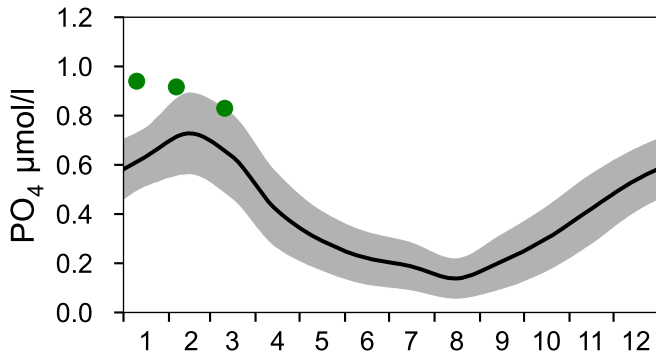
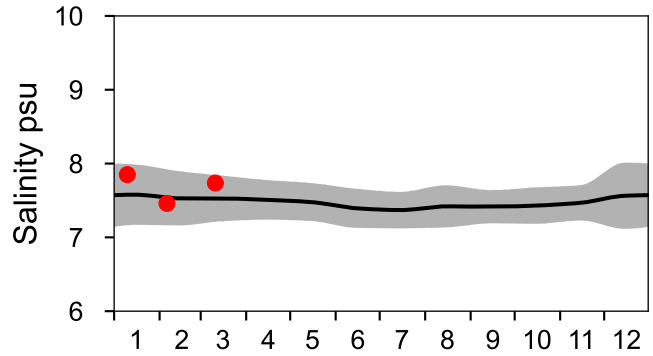
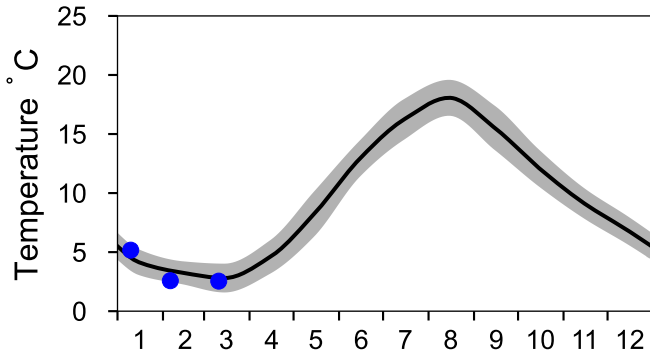
STATION HANÖBUKTEN SURFACE WATER (0-10 m)

Annual Cycles

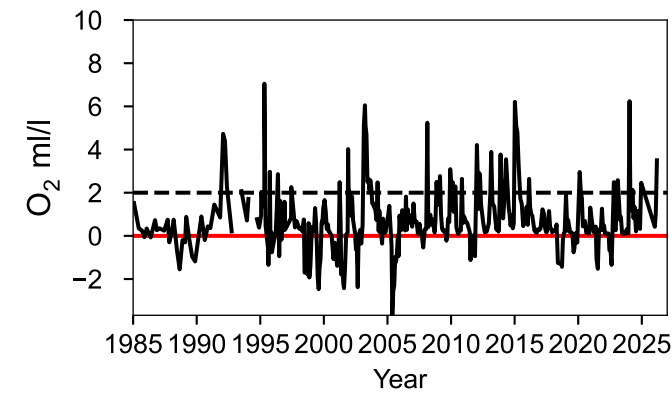
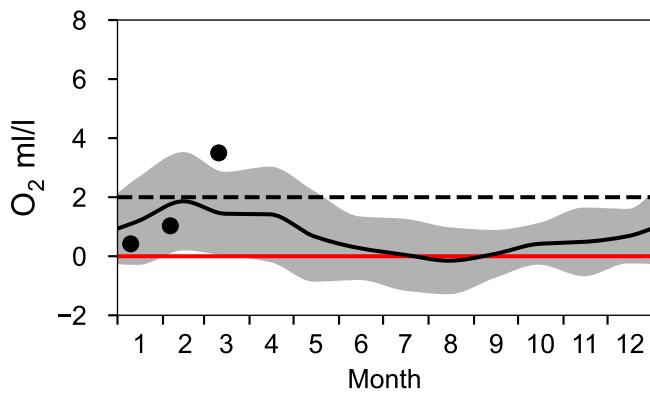
— Mean 1991-2020

■ St.Dev.

● 2026

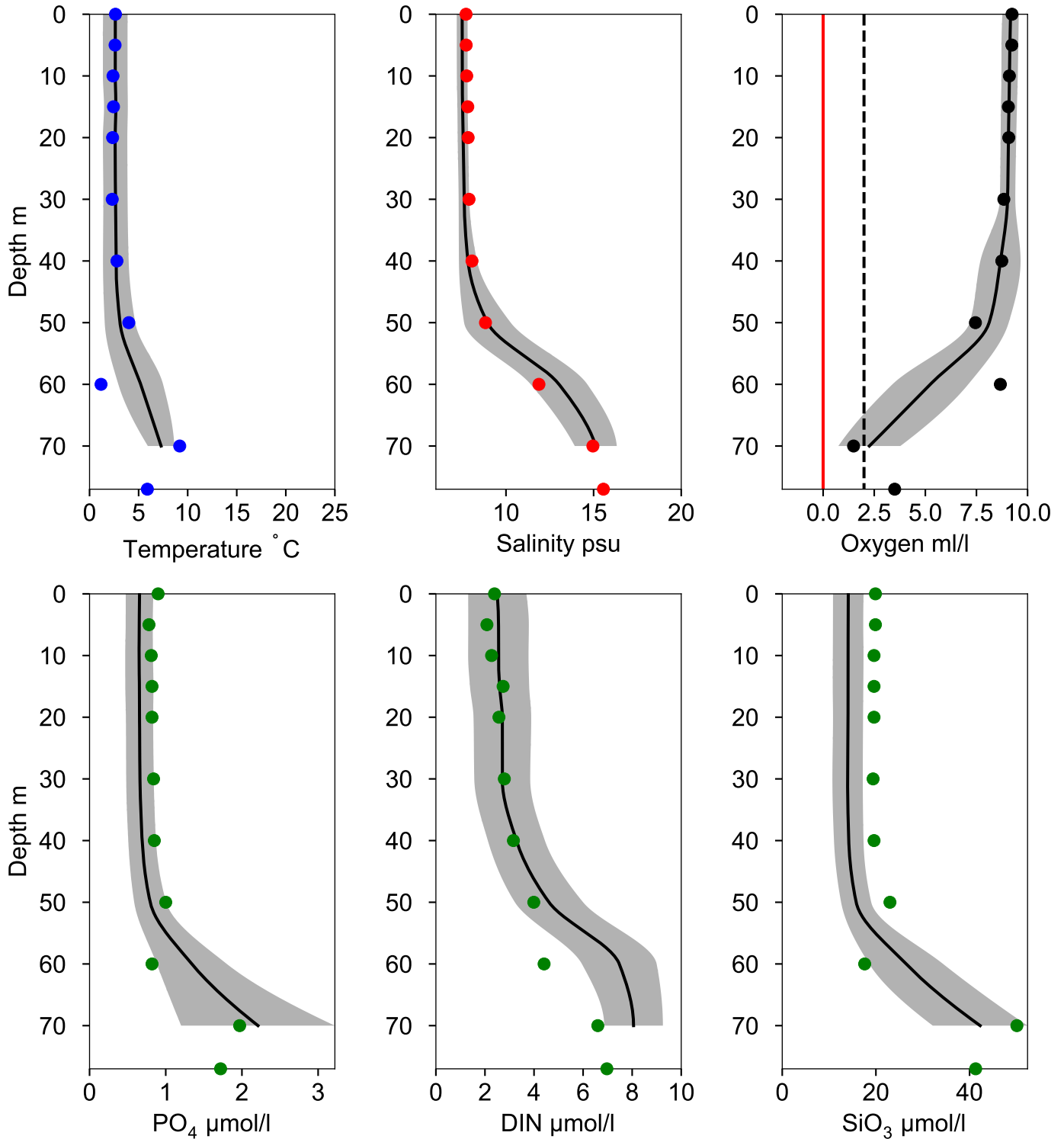


OXYGEN IN BOTTOM WATER (depth >= 70 m)



Vertical profiles HANÖBUKTEN March

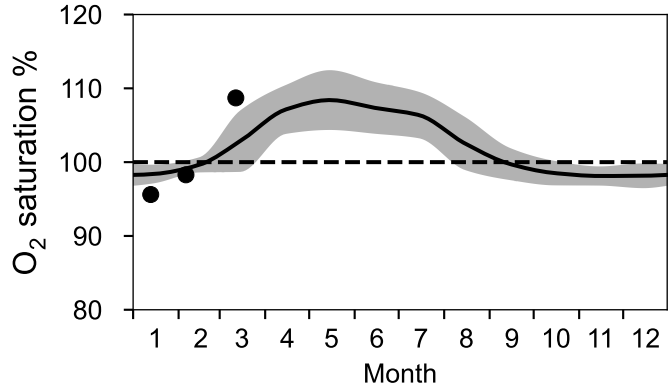
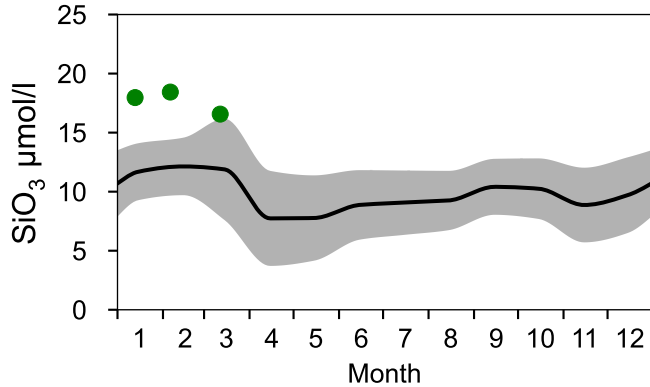
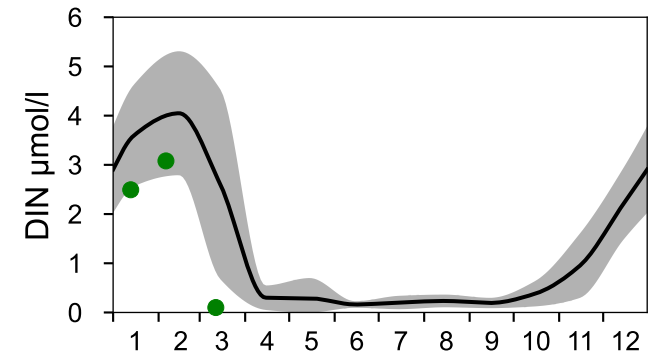
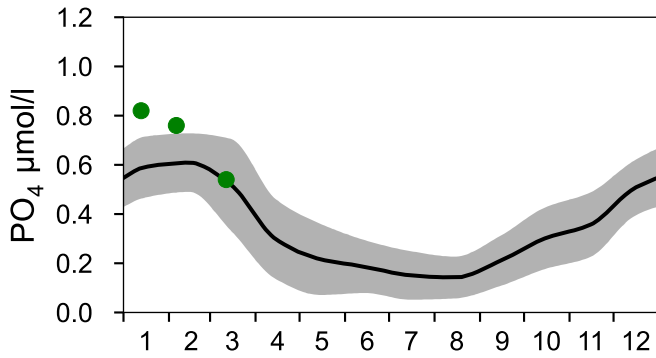
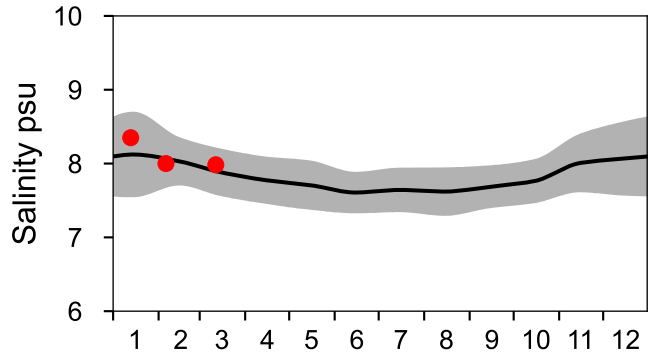
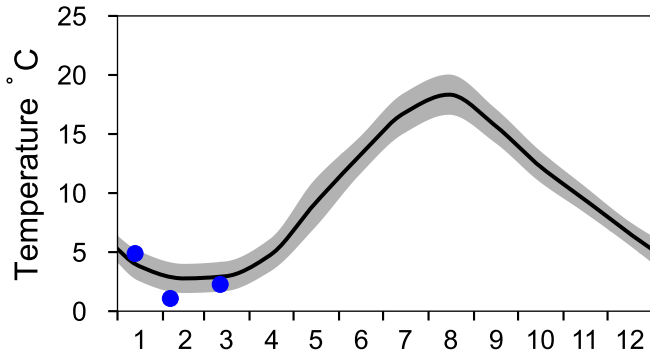
— Mean 1919-2020 ■ St.Dev. ● 2026-03-11



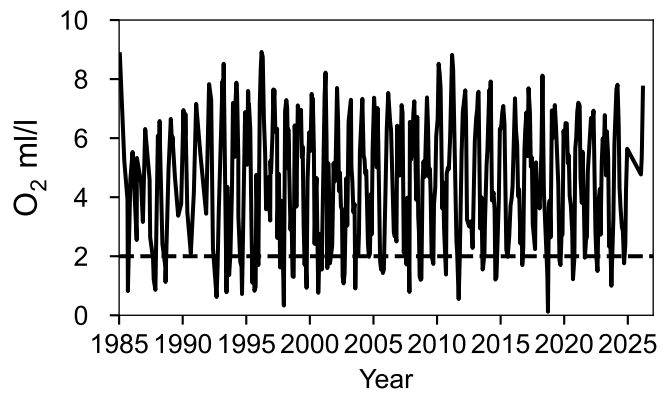
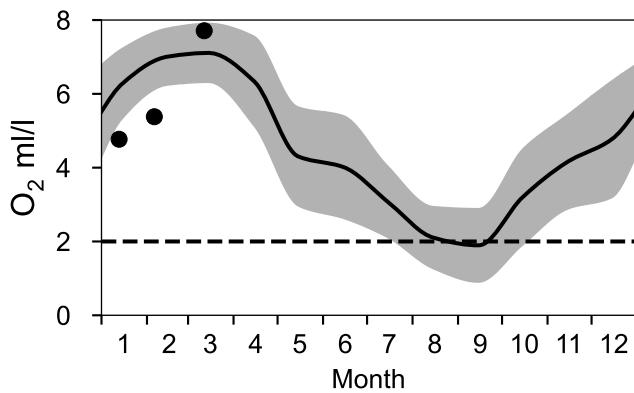
STATION BY2 ARKONA SURFACE WATER (0-10 m)

Annual Cycles

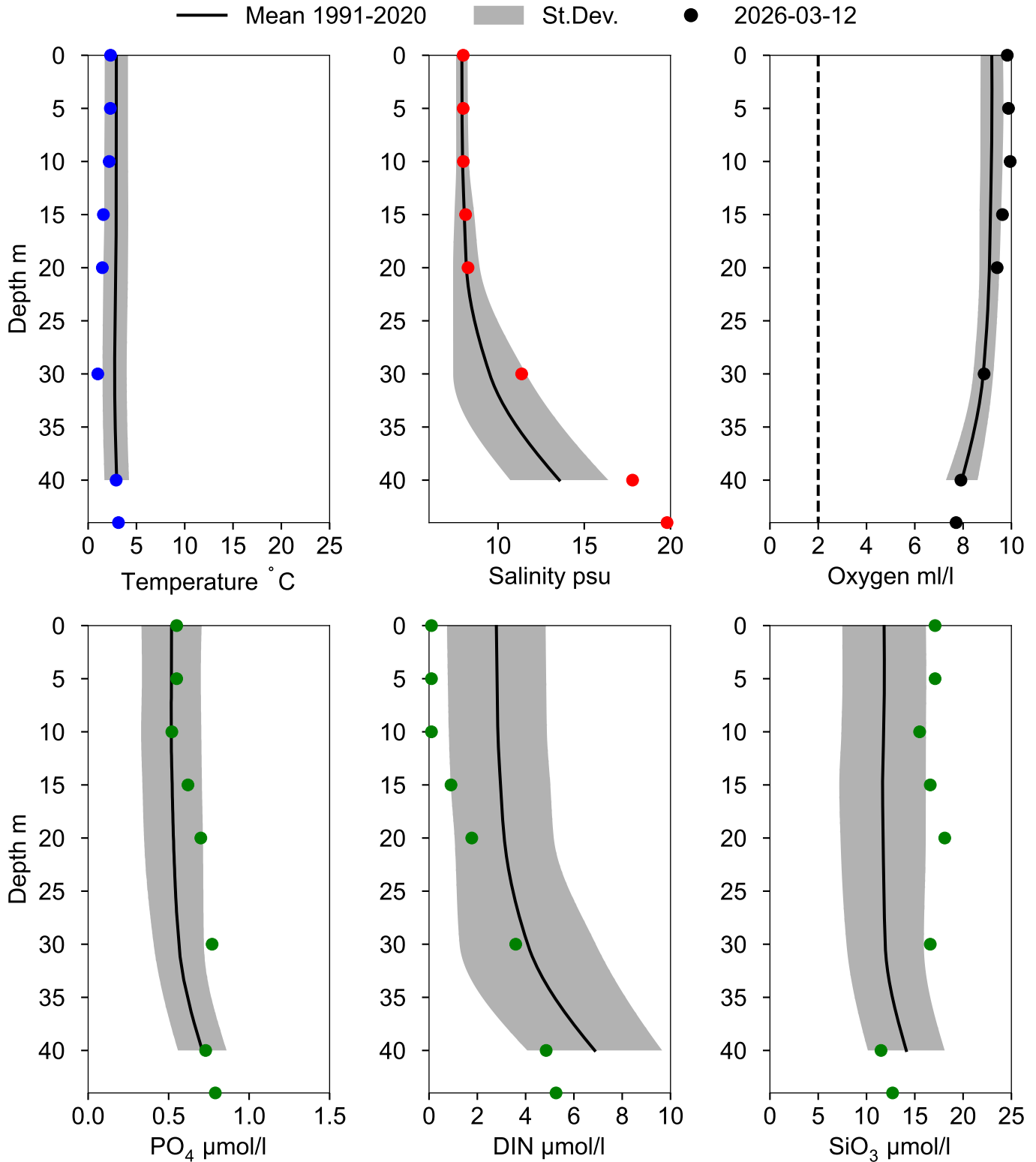
— Mean 1991-2020 St.Dev. ● 2026



OXYGEN IN BOTTOM WATER (depth >= 40 m)



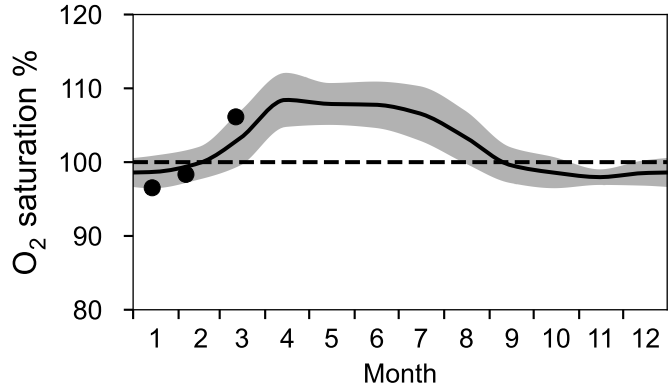
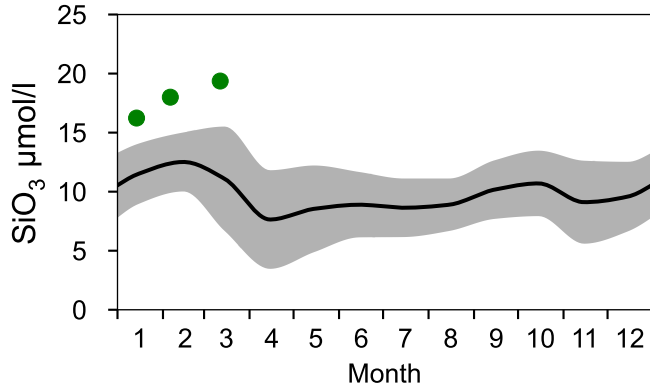
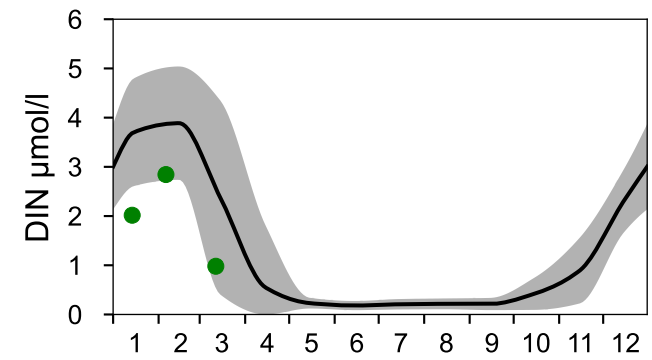
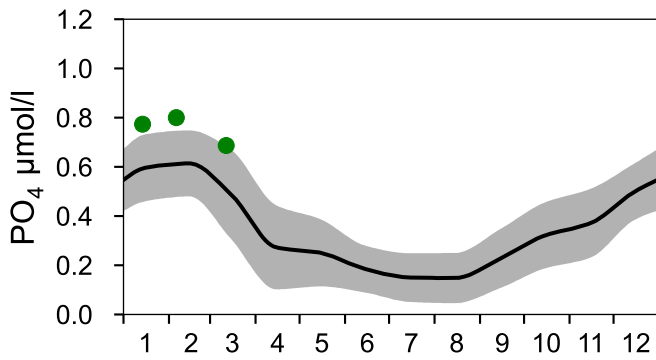
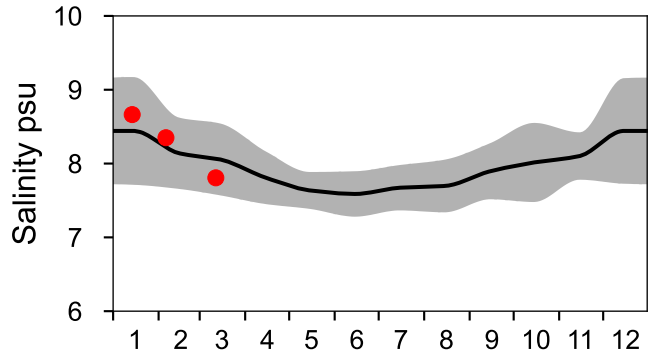
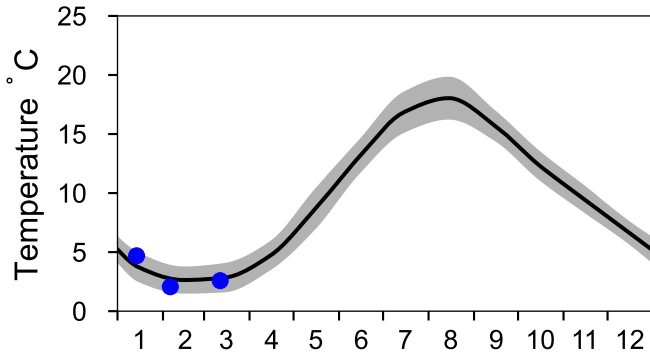
Vertical profiles BY2 ARKONA March



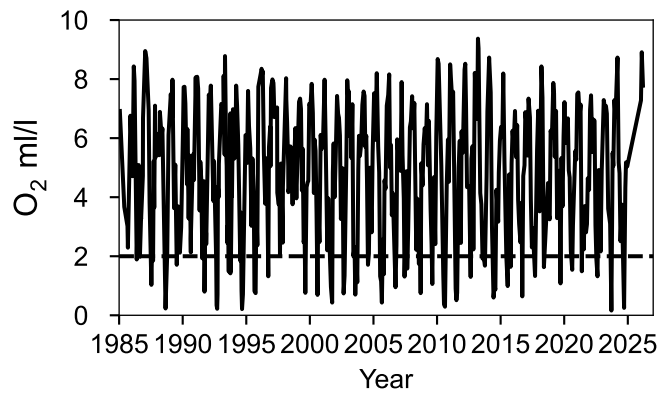
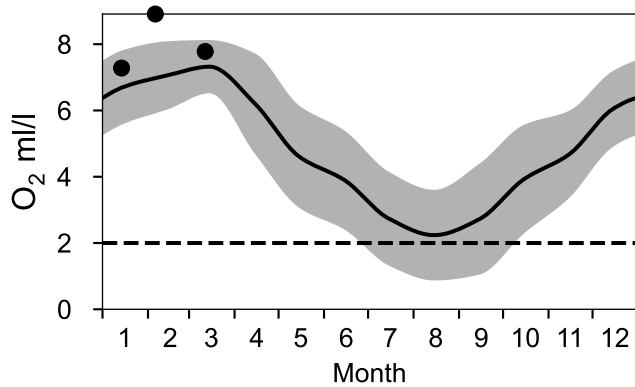
STATION BY1 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

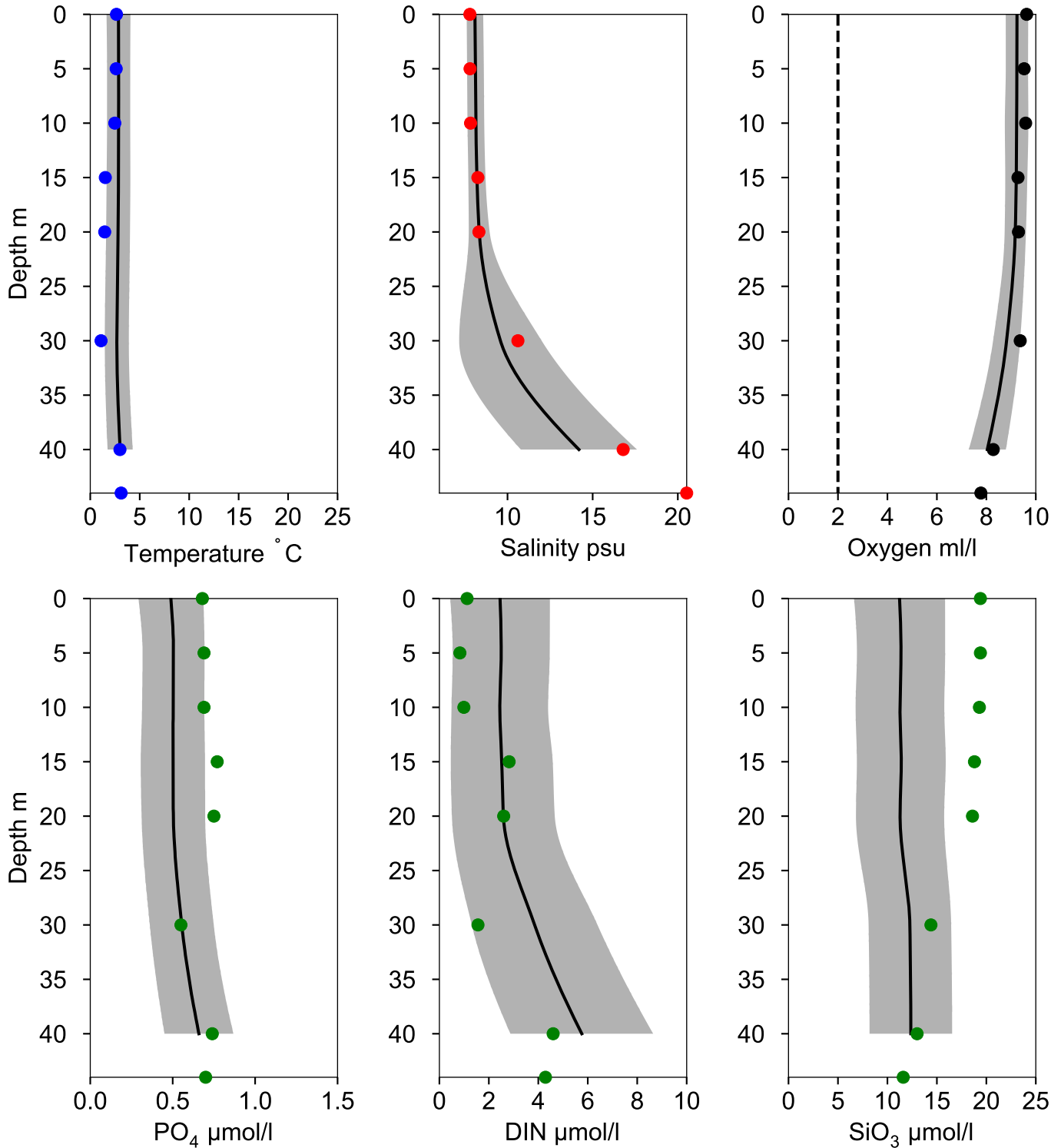


OXYGEN IN BOTTOM WATER (depth >= 39 m)



Vertical profiles BY1 March

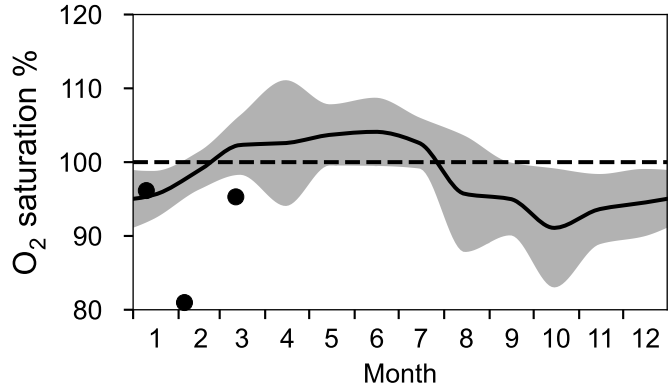
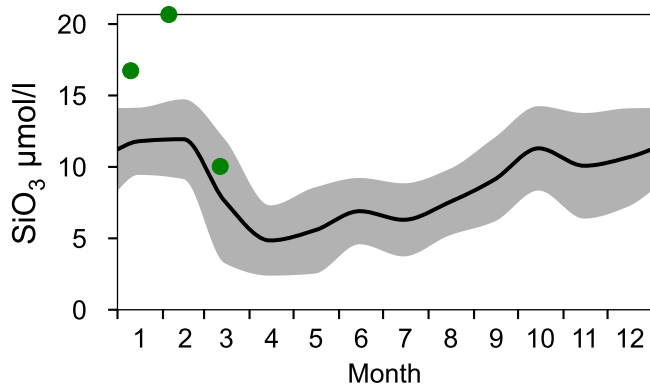
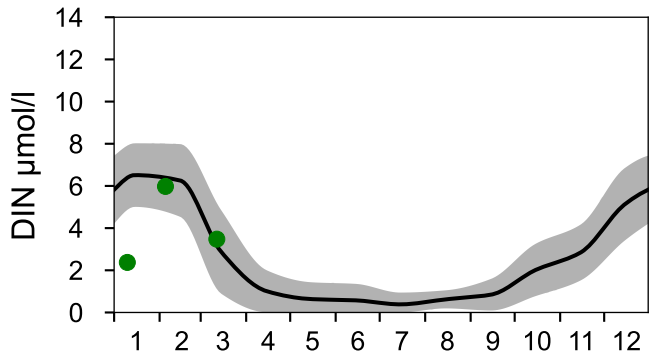
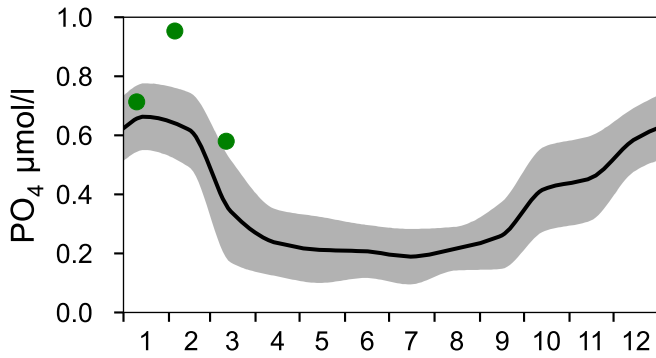
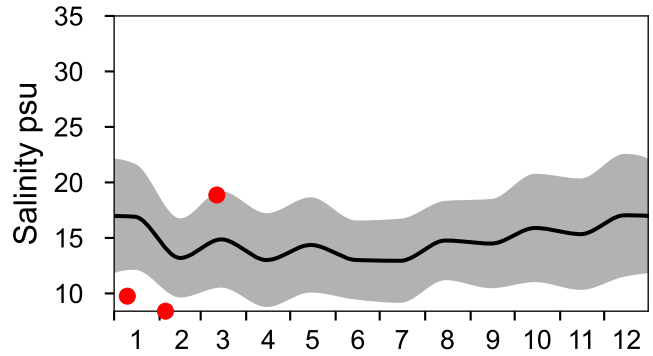
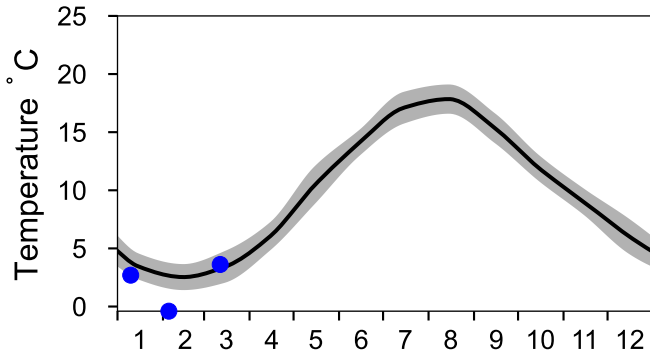
— Mean 1991-2020 ■ St.Dev. ● 2026-03-12



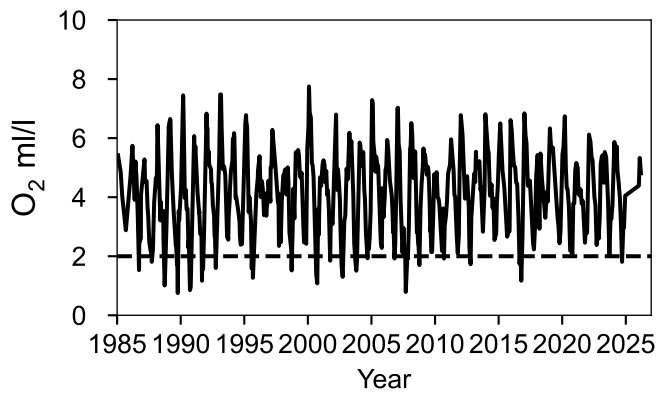
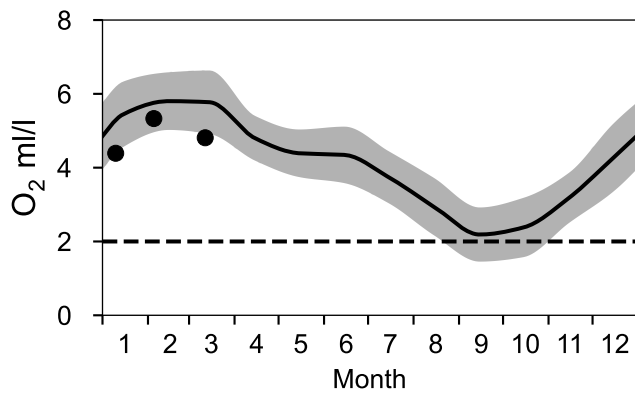
STATION W LANDSKRONA SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

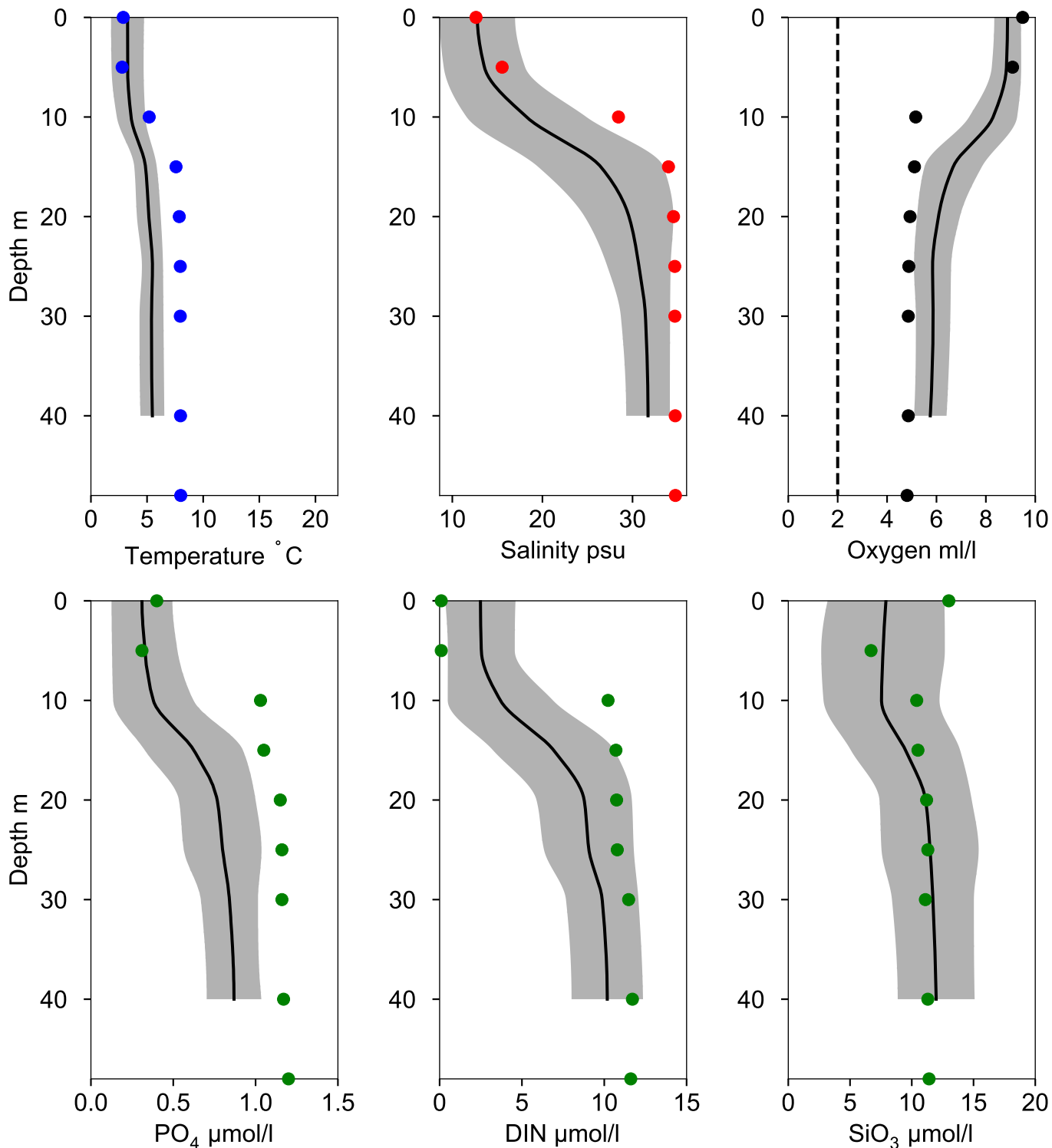


OXYGEN IN BOTTOM WATER (depth >= 40 m)



Vertical profiles W LANDSKRONA March

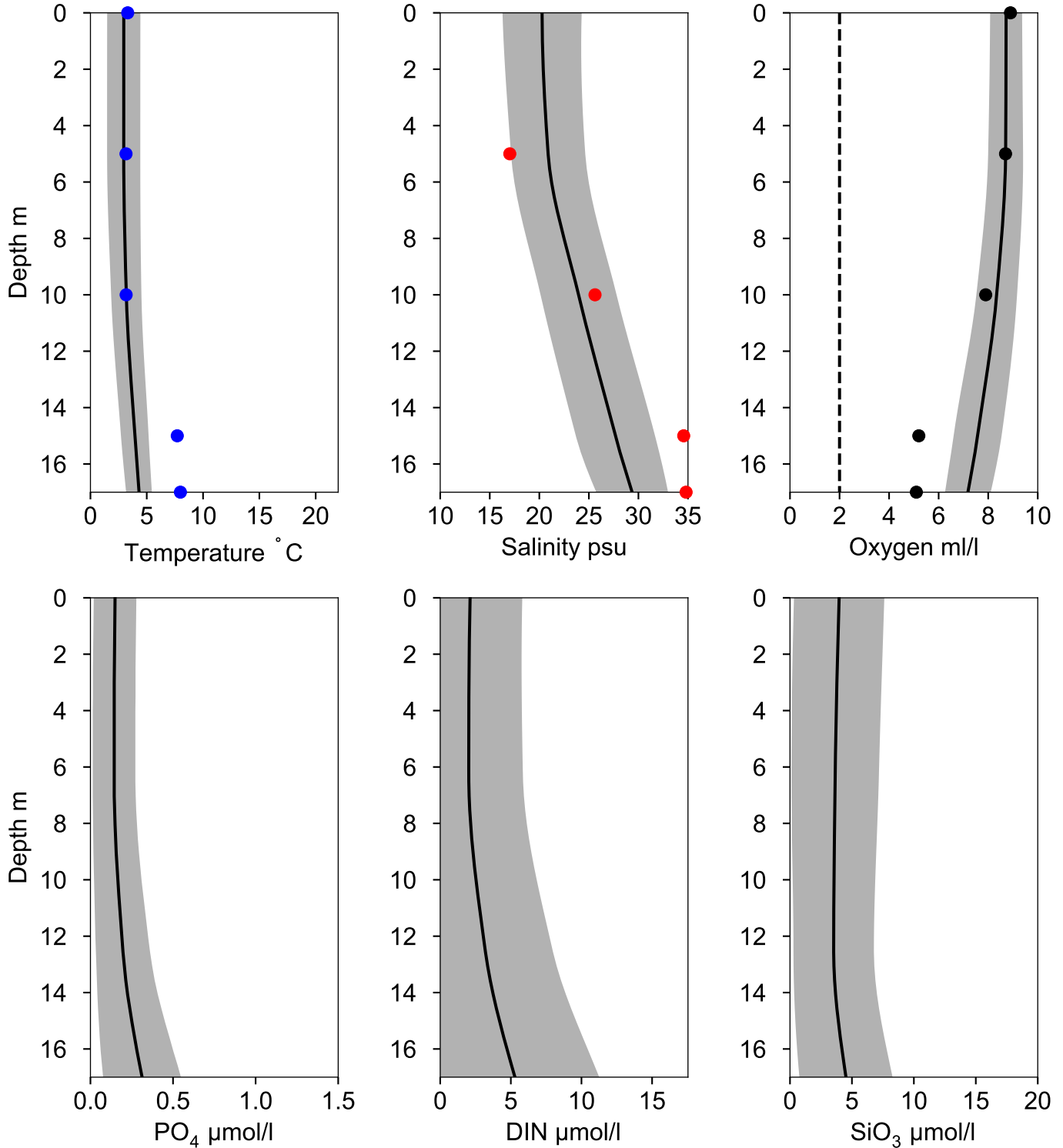
— Mean 1919-2020 ■ St.Dev. ● 2026-03-12



Vertical profiles P22 March

Statistics based on data from: Kattegatt

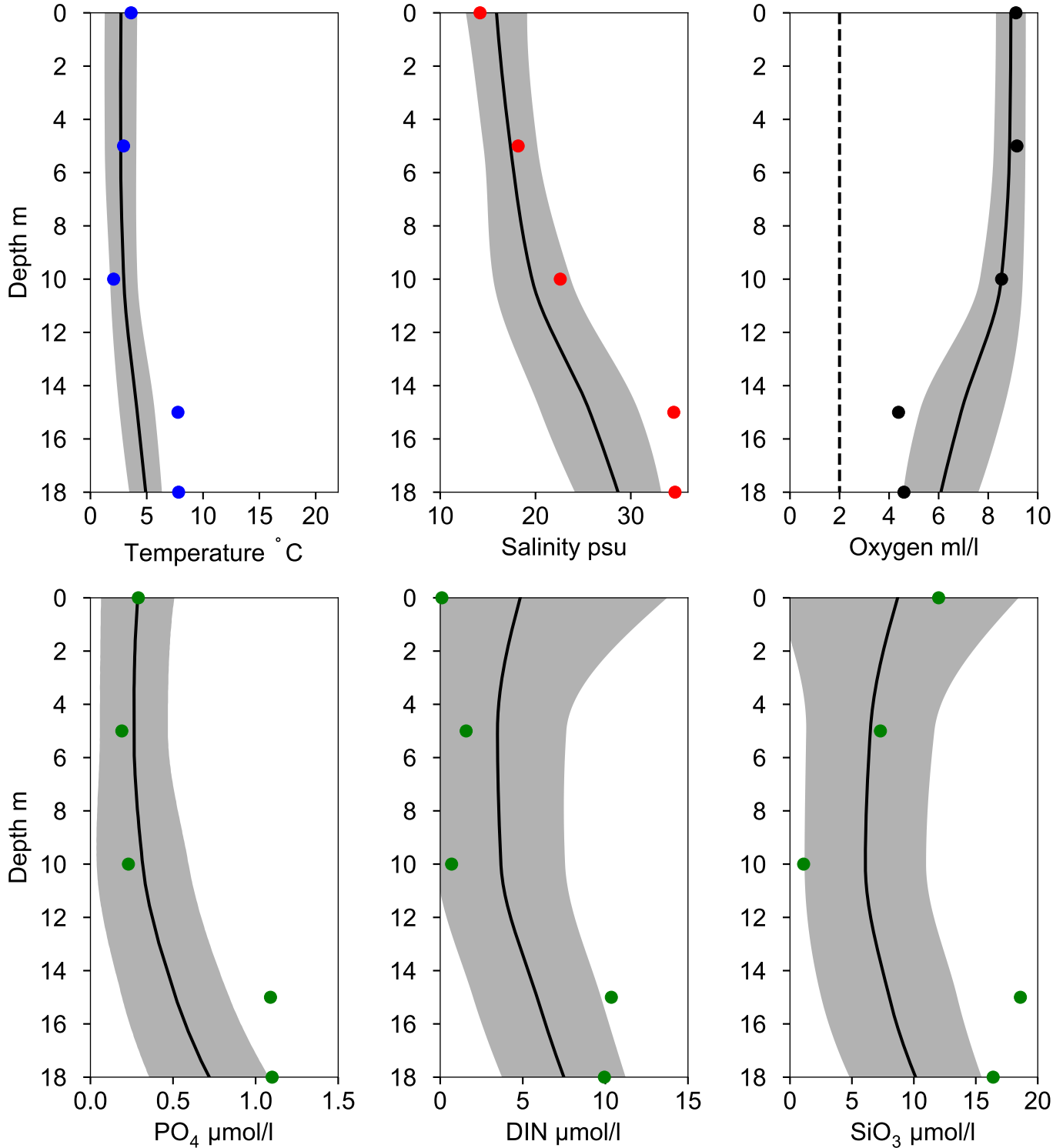
— Mean 1991-2020 ■ St.Dev. ● 2026-03-12



Vertical profiles S-5 March

Statistics based on data from: Södra Hallands och norra Öresunds kustvatten

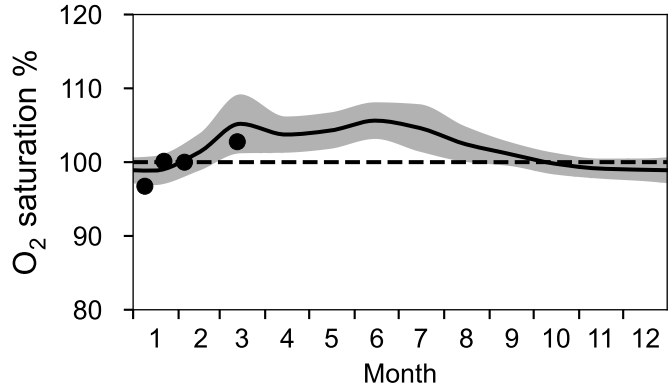
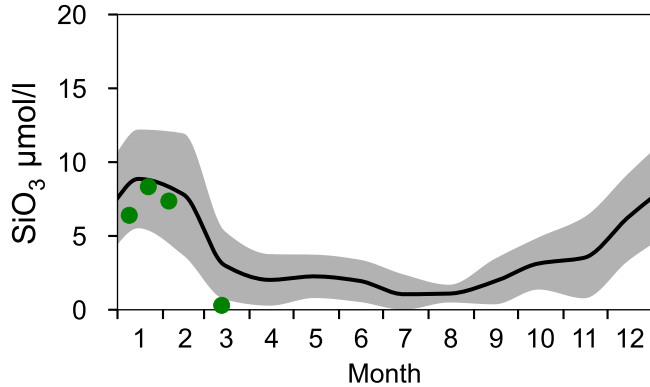
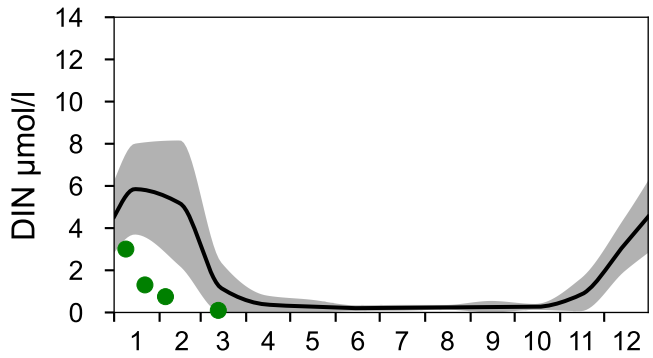
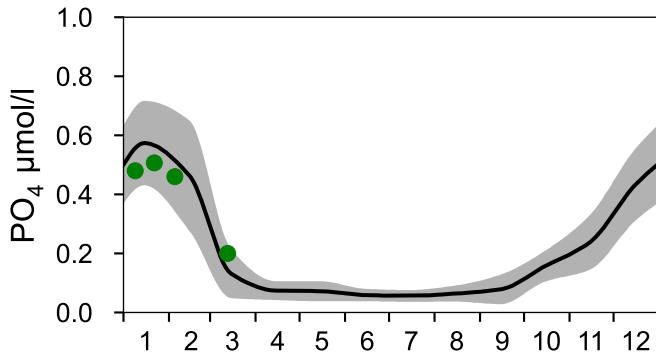
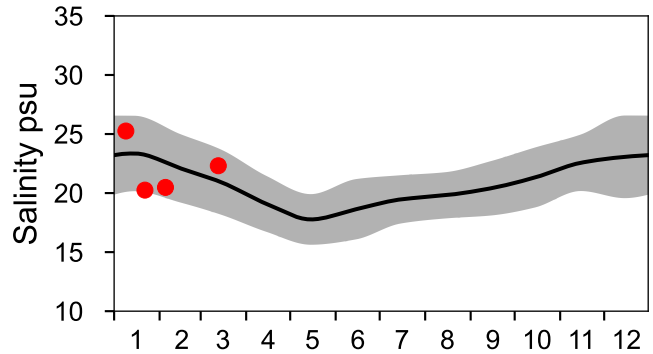
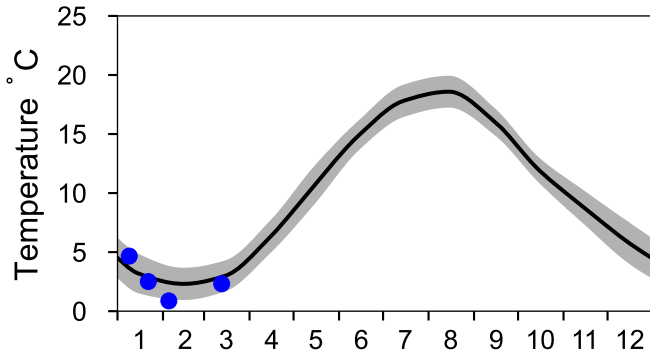
— Mean 1991-2020 ■ St.Dev. ● 2026-03-12



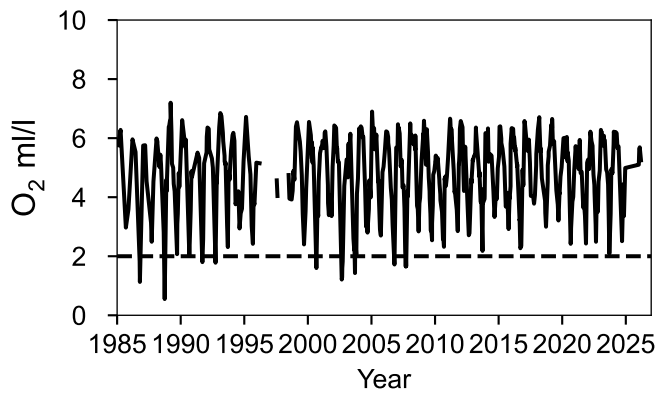
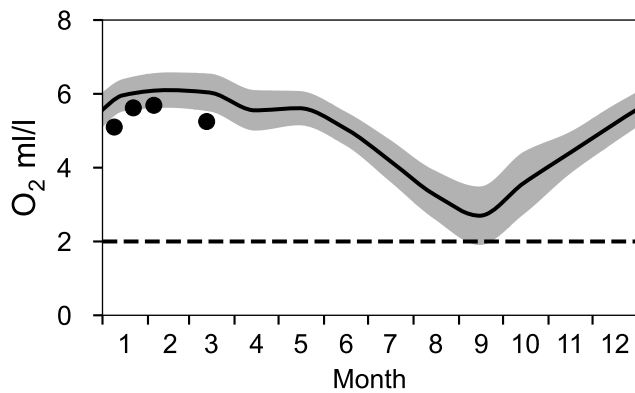
STATION ANHOLT E SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

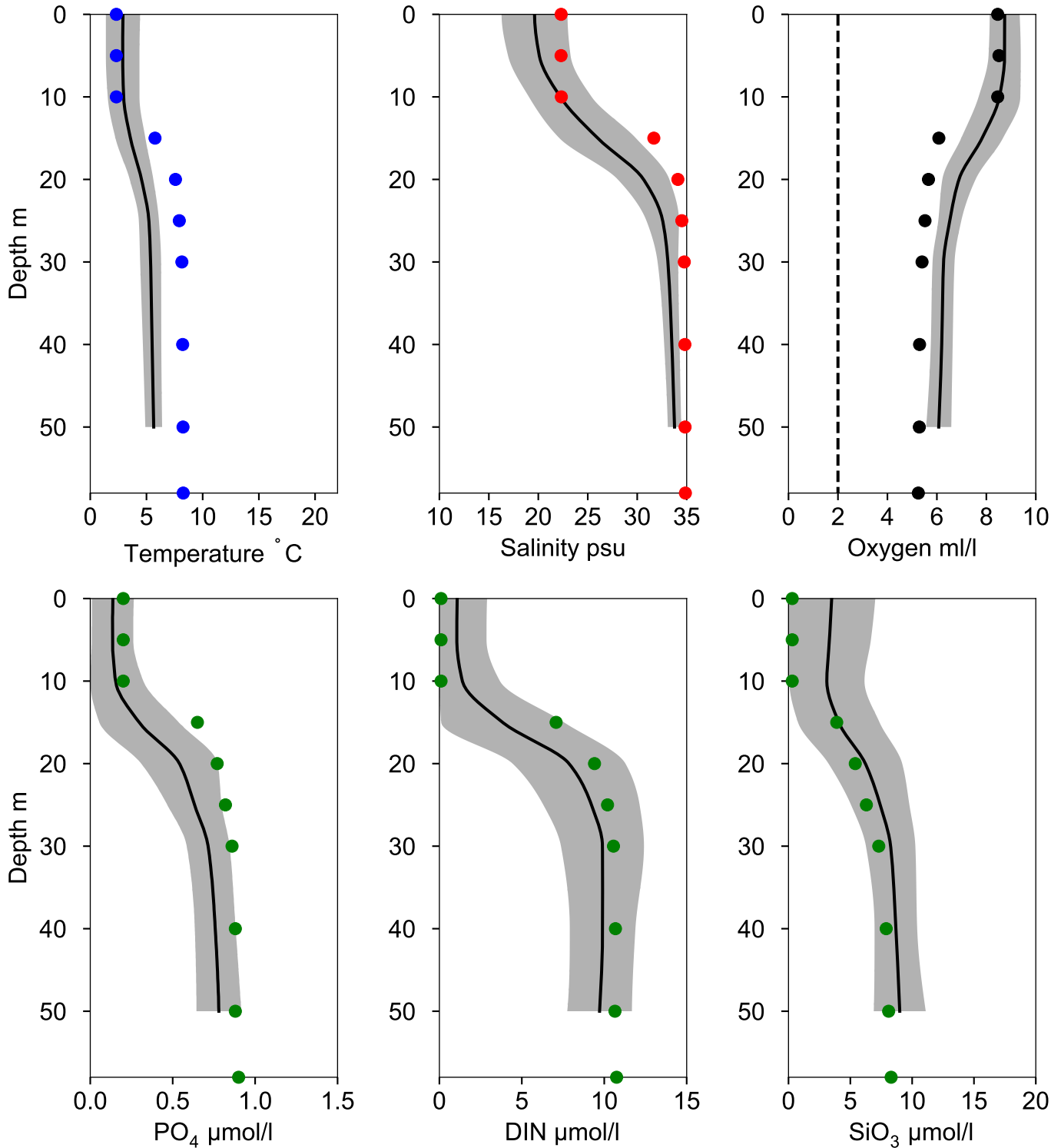


OXYGEN IN BOTTOM WATER (depth >= 52 m)



Vertical profiles ANHOLT E March

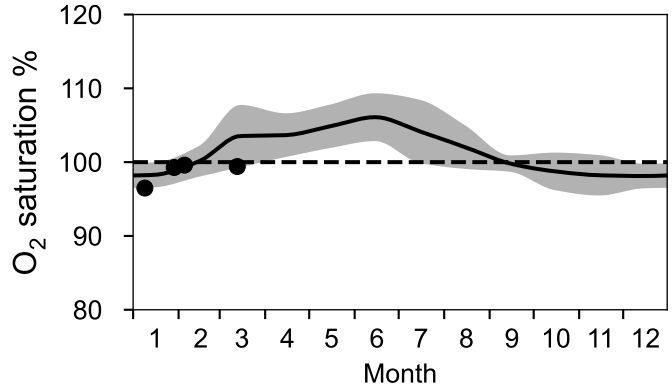
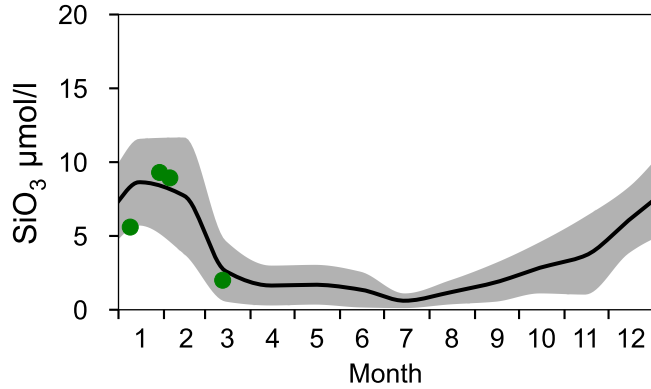
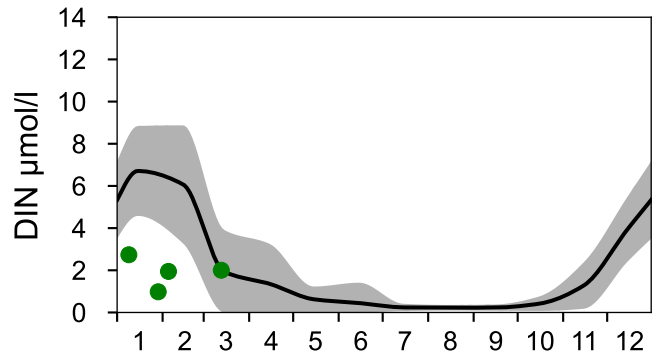
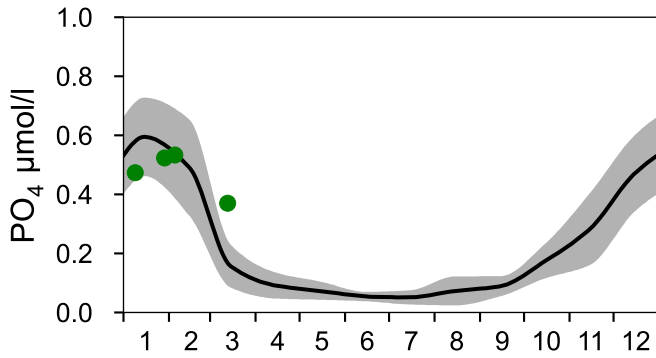
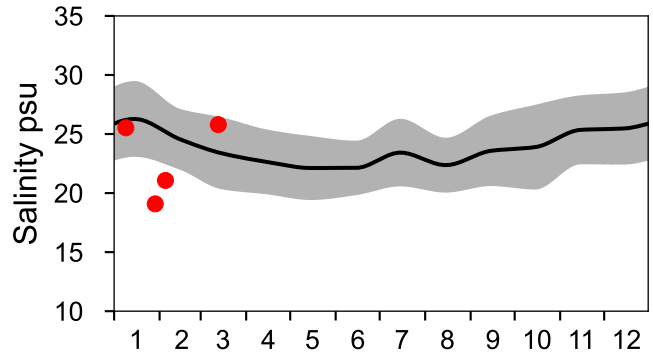
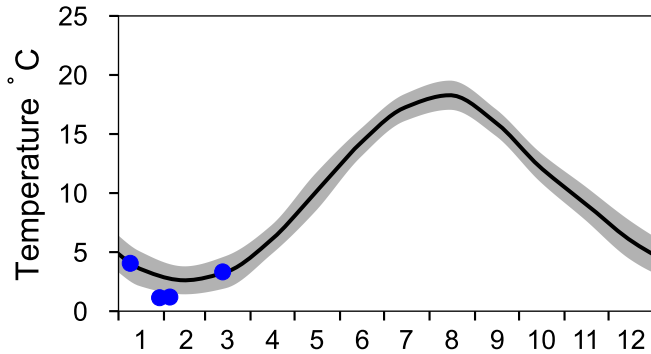
— Mean 1991-2020 ■ St.Dev. ● 2026-03-13



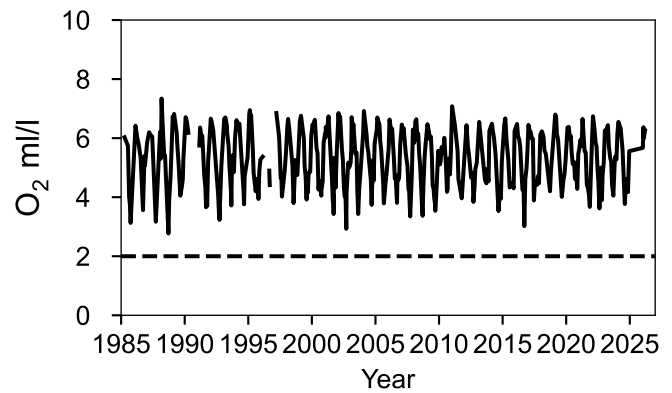
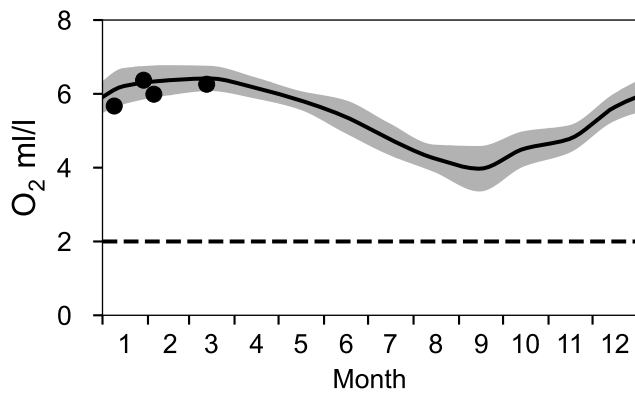
STATION FLADEN SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

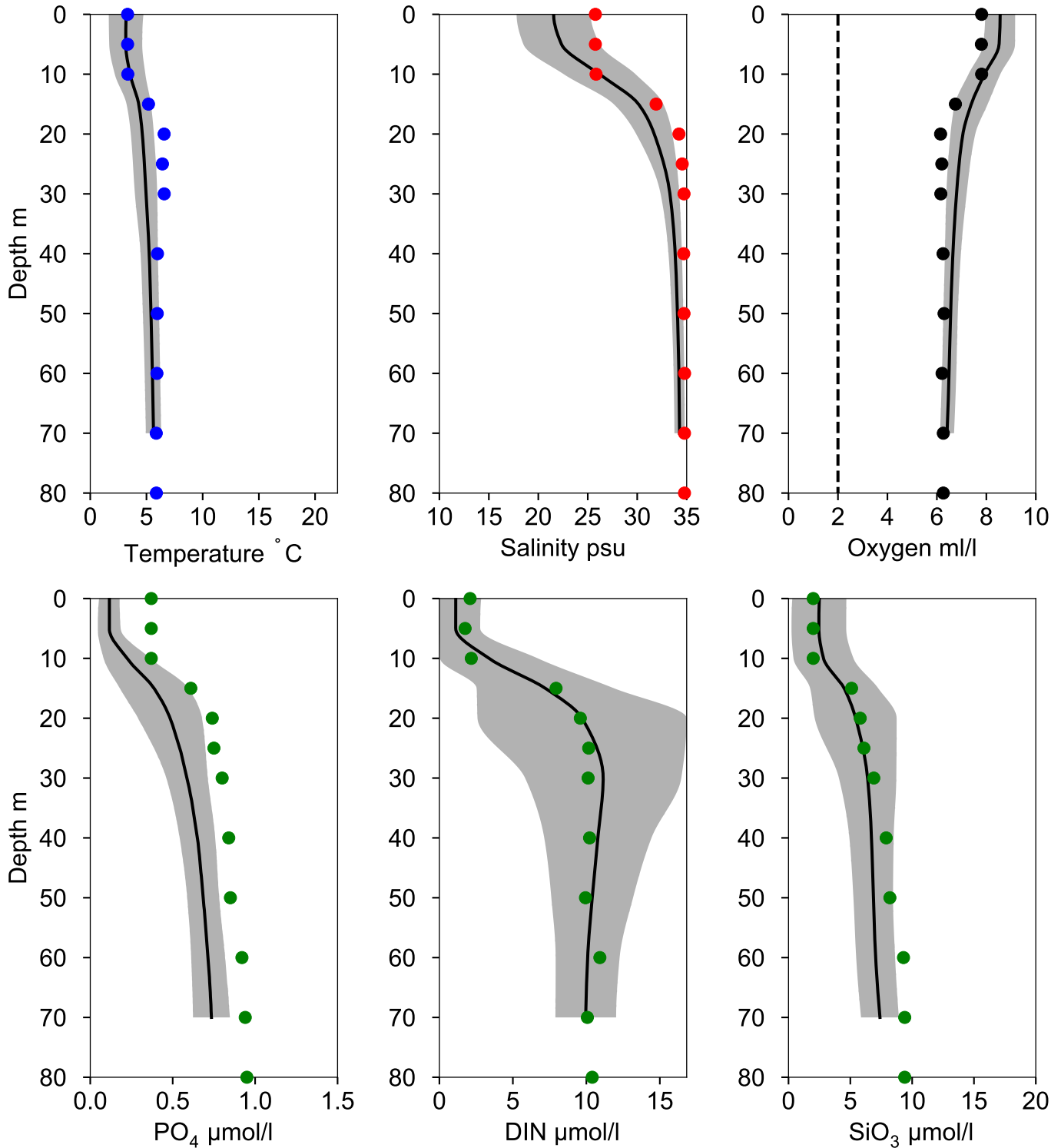


OXYGEN IN BOTTOM WATER (depth >= 74 m)



Vertical profiles FLADEN March

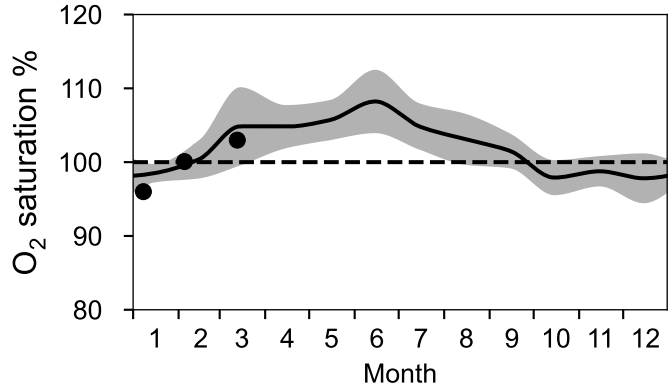
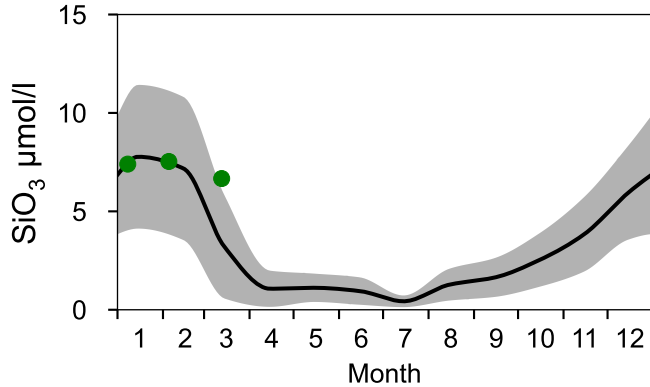
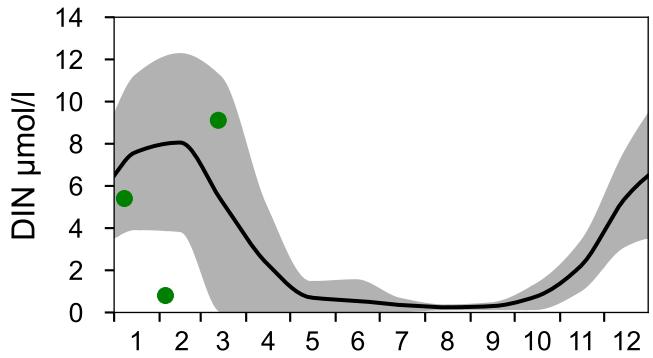
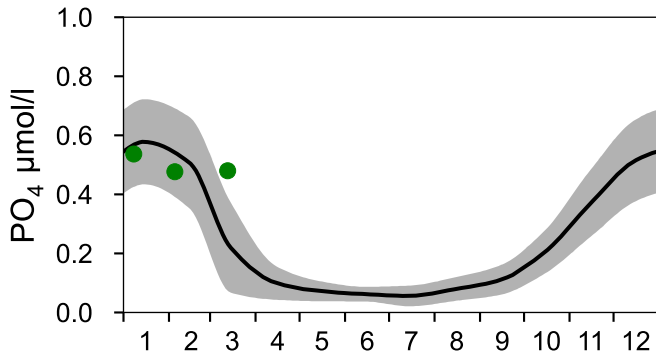
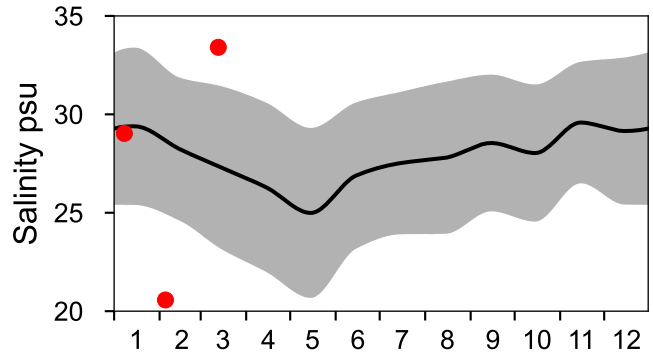
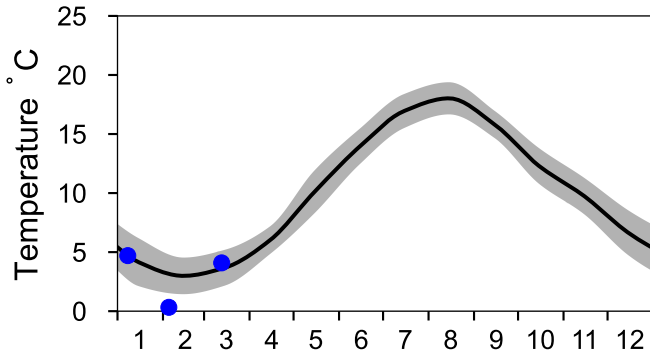
— Mean 1991-2020 St.Dev. ● 2026-03-13



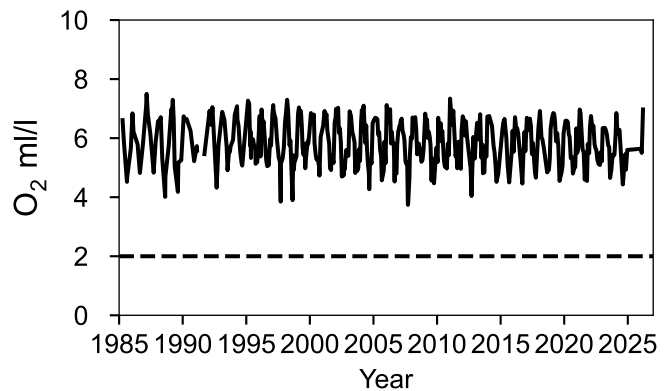
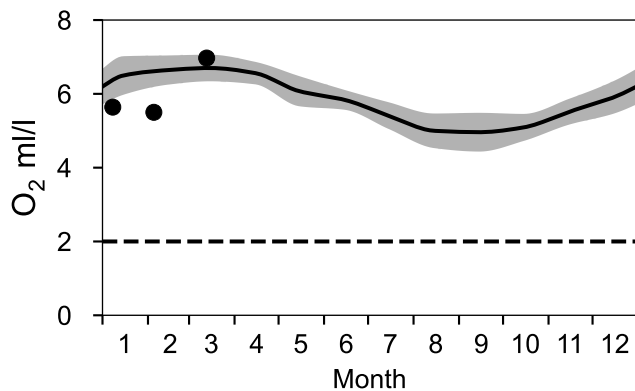
STATION P2 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

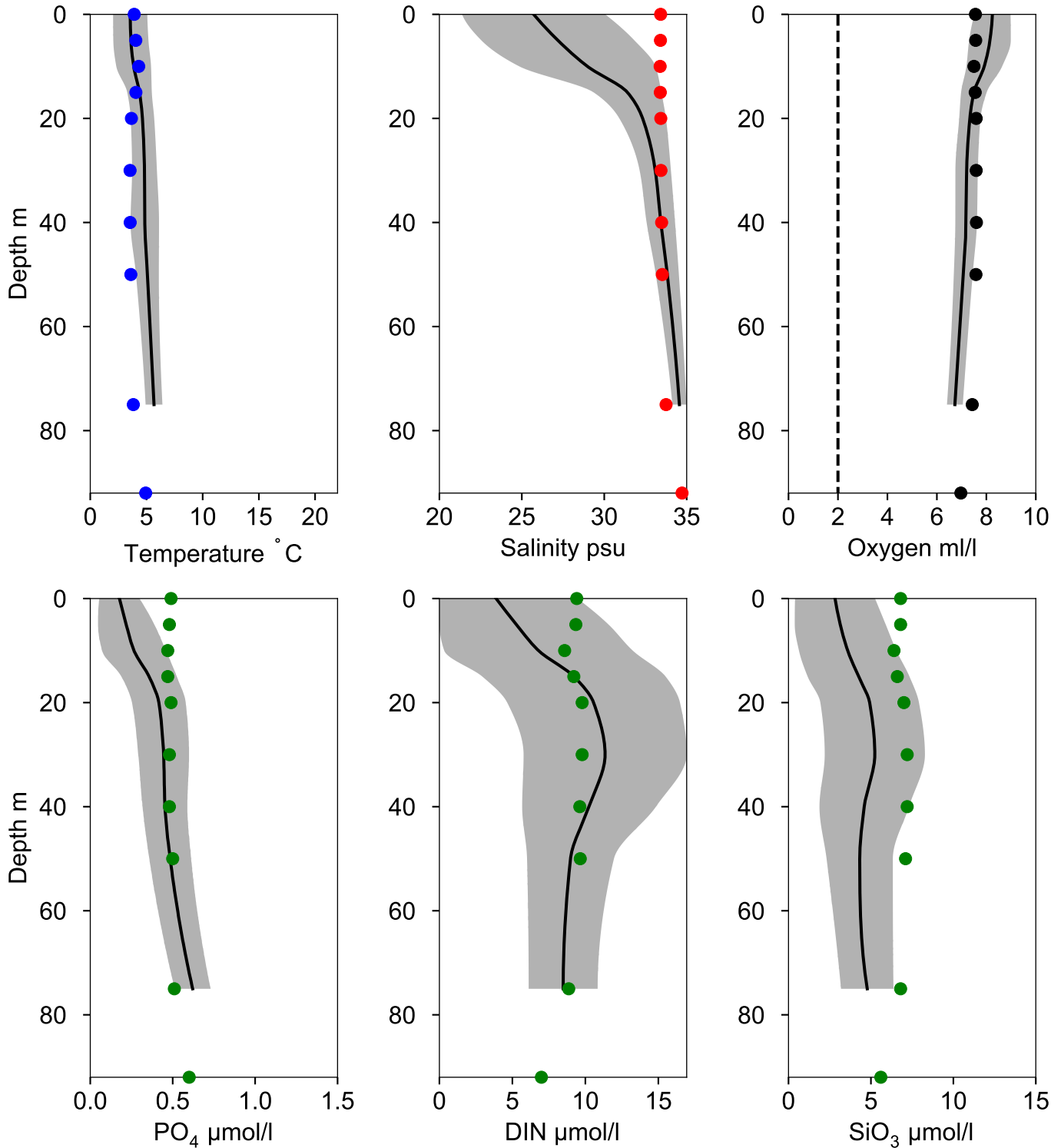


OXYGEN IN BOTTOM WATER (depth >= 75 m)



Vertical profiles P2 March

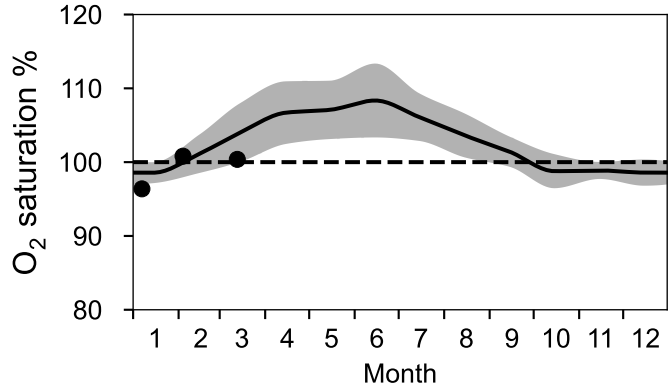
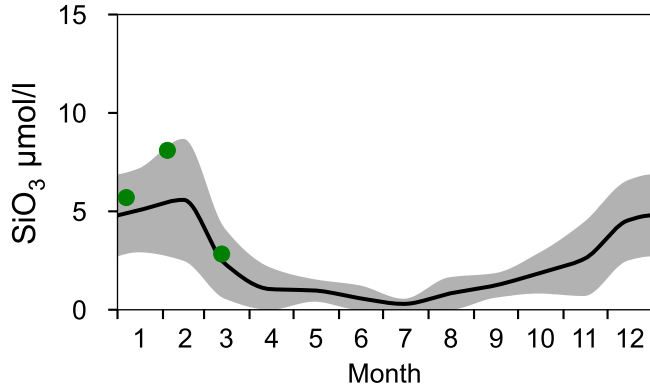
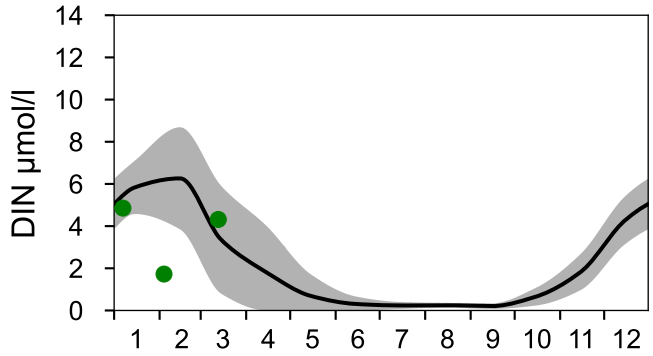
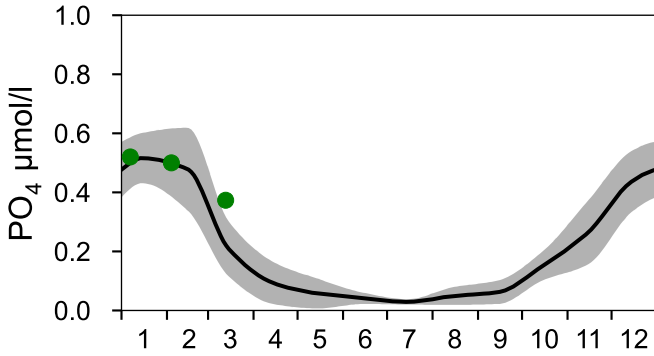
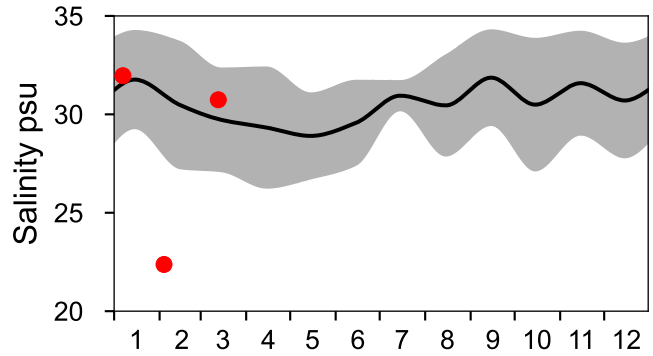
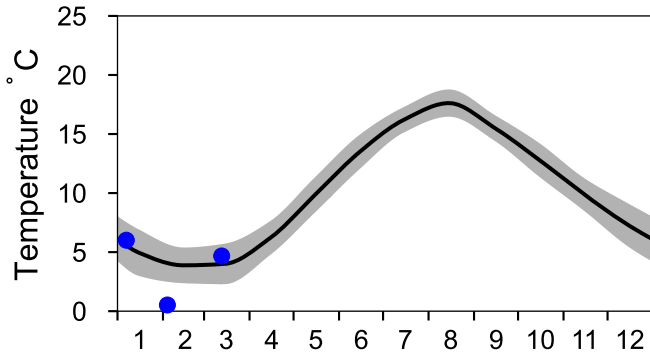
— Mean 1991-2020 ■ St.Dev. ● 2026-03-13



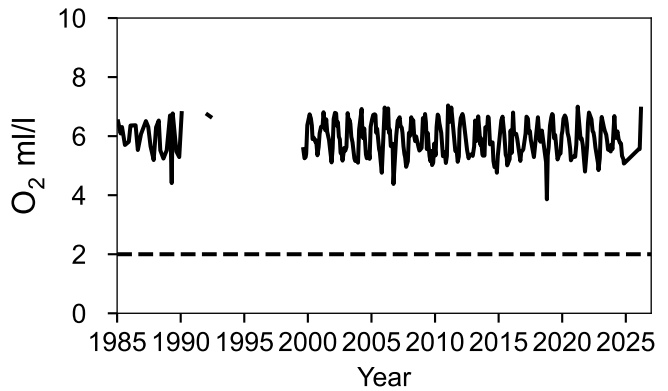
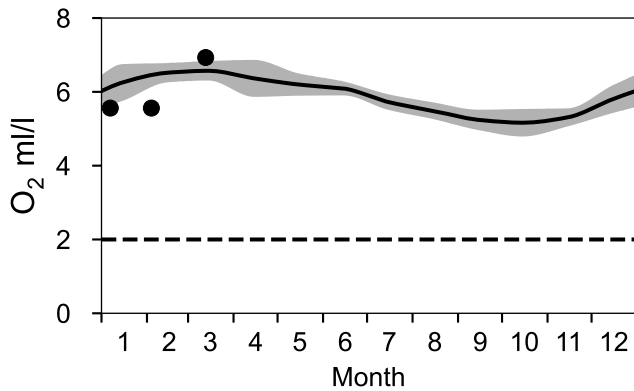
STATION Å15 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

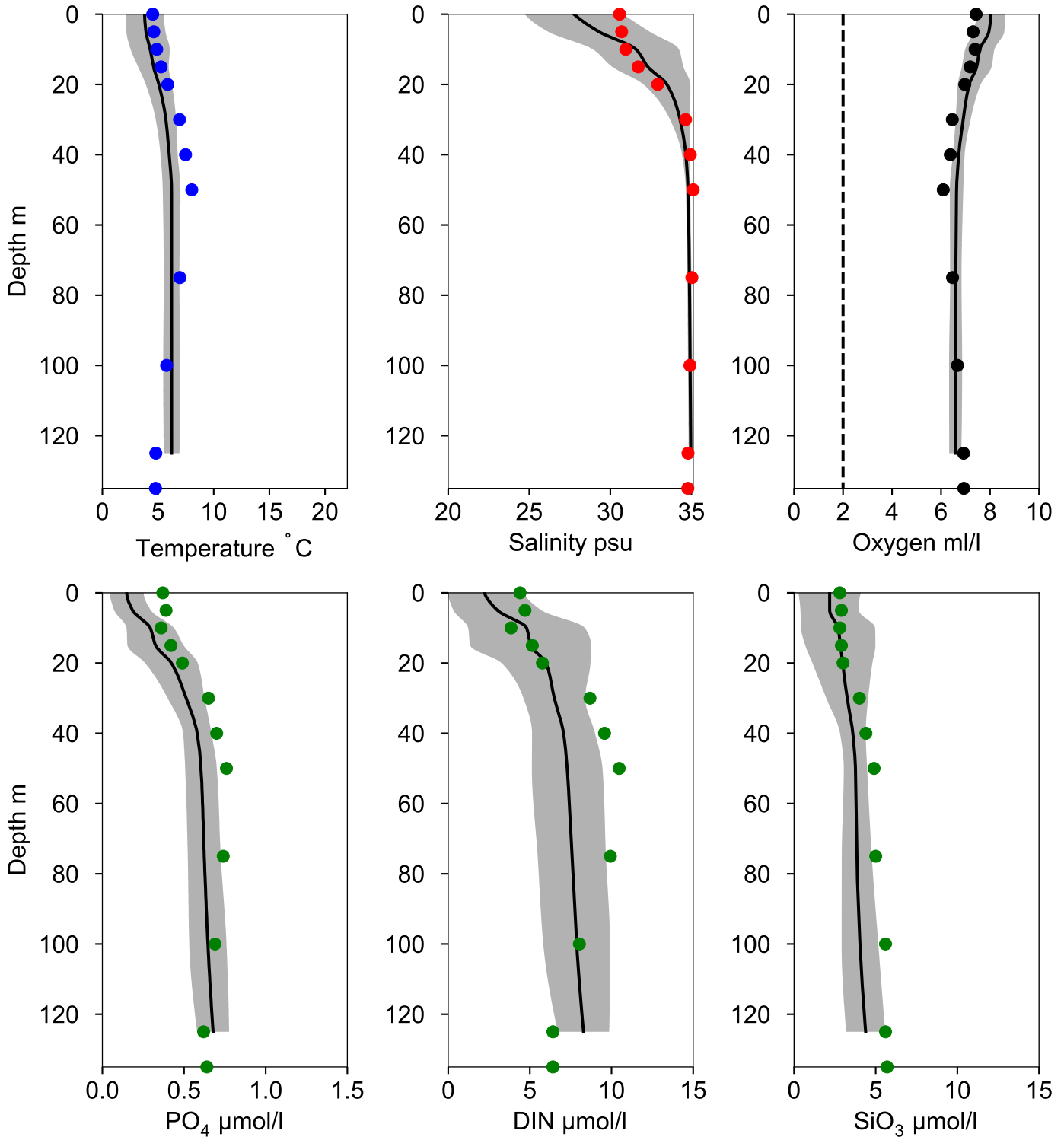


OXYGEN IN BOTTOM WATER (depth >= 125 m)



Vertical profiles Å15 March

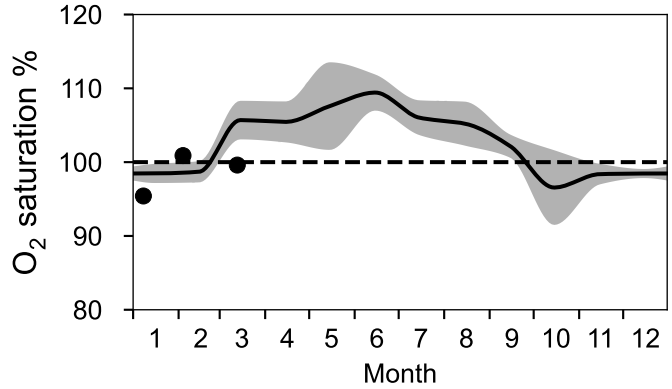
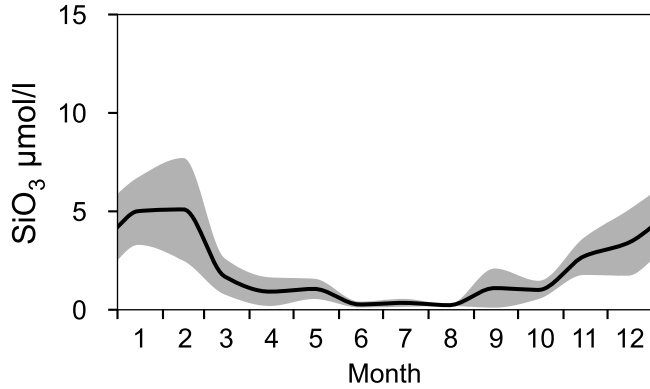
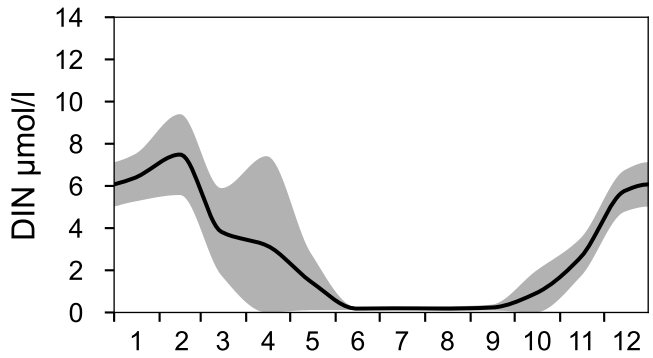
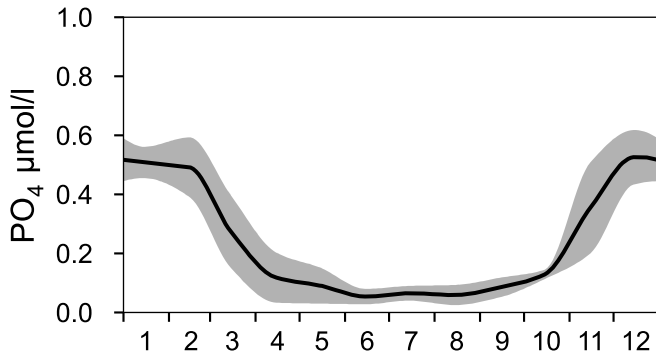
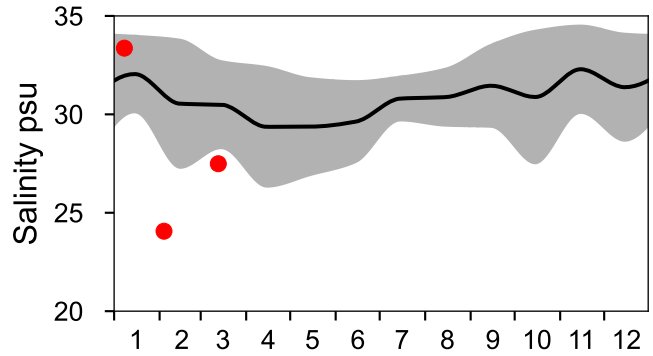
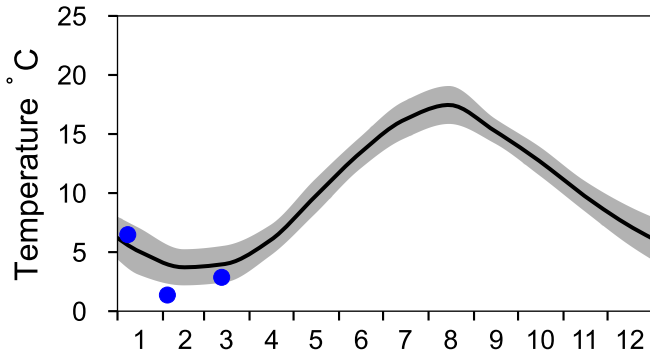
— Mean 1991-2020 St.Dev. ● 2026-03-13



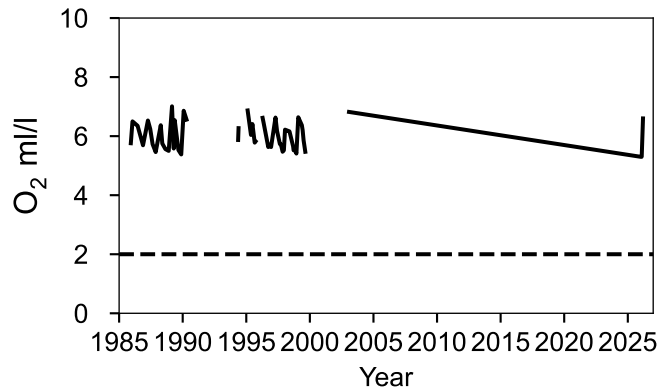
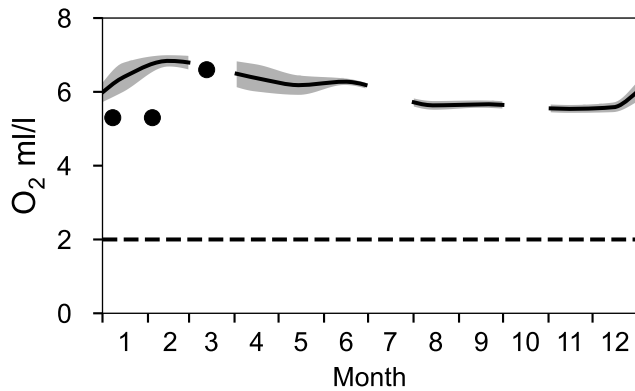
STATION Å16 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 ■ St.Dev. ● 2026

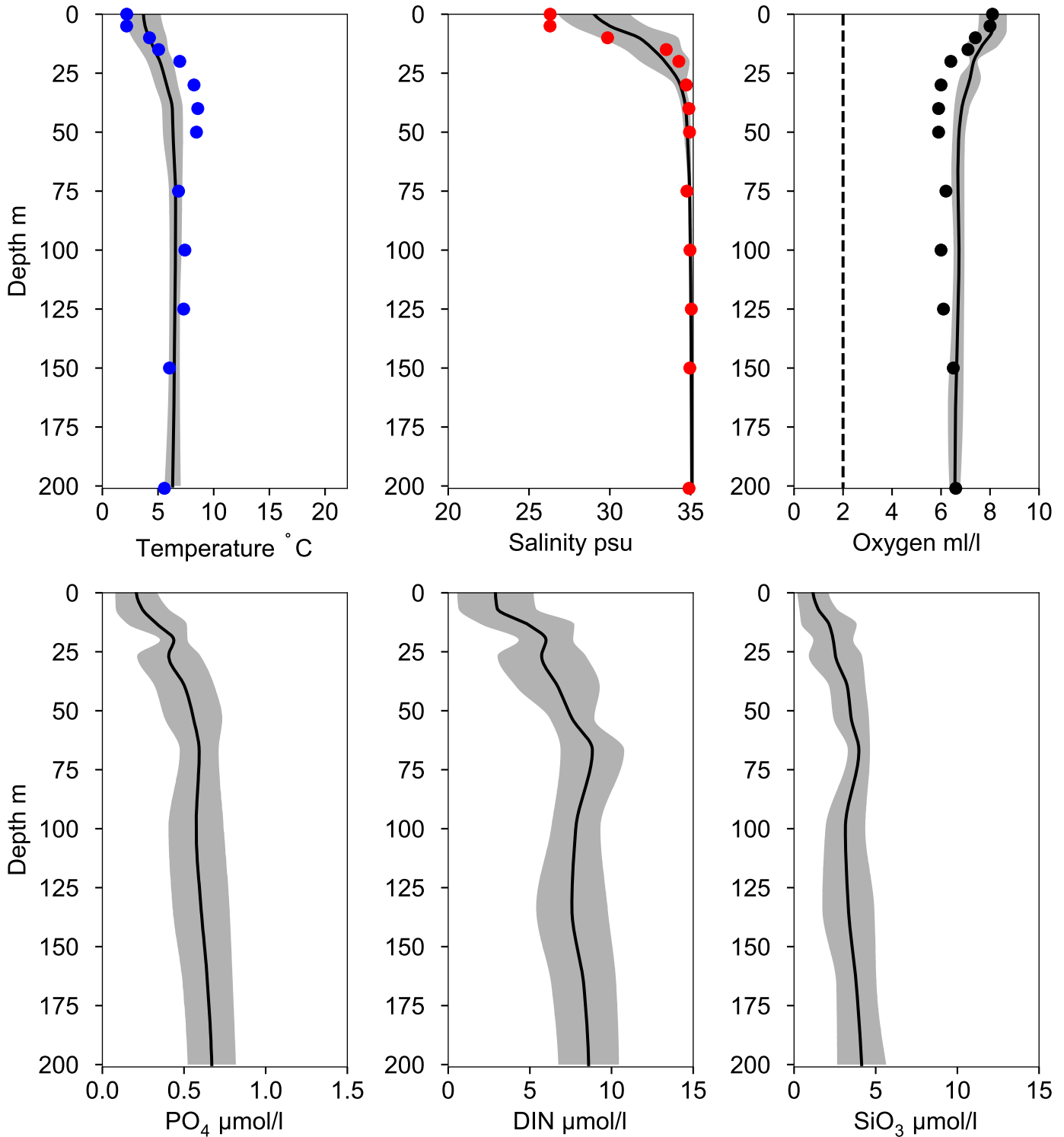


OXYGEN IN BOTTOM WATER (depth >= 193 m)



Vertical profiles A16 March

— Mean 1991-2020 ■ St.Dev. ● 2026-03-13



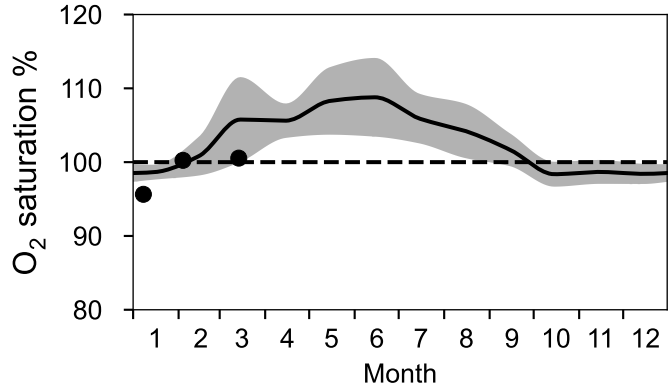
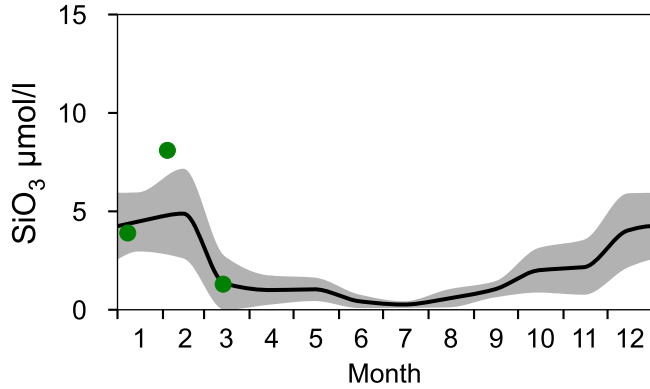
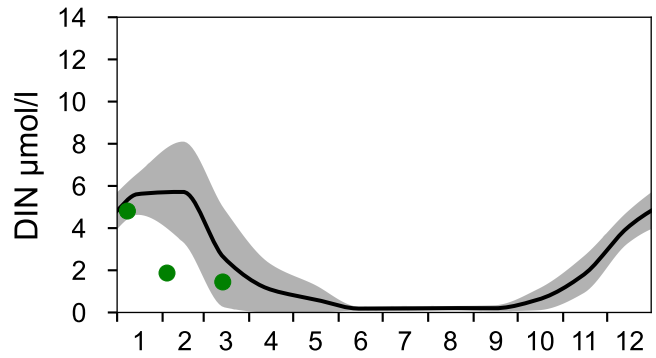
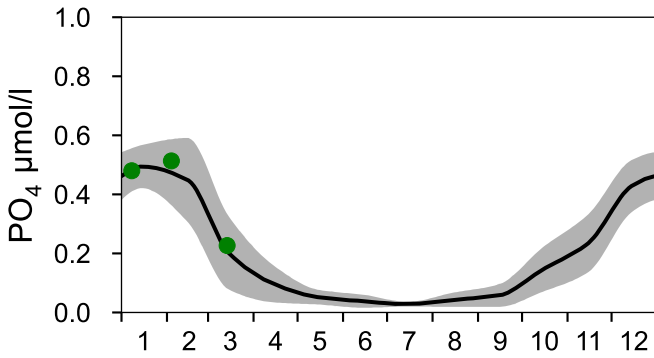
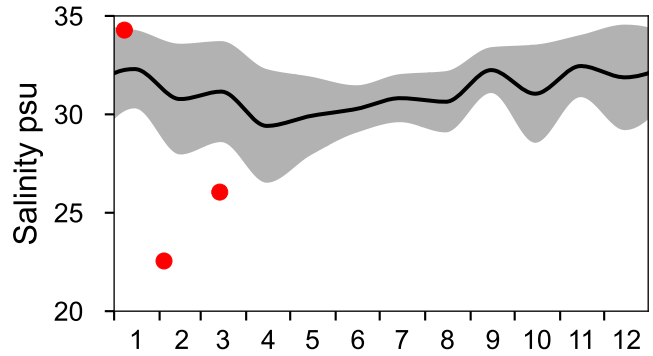
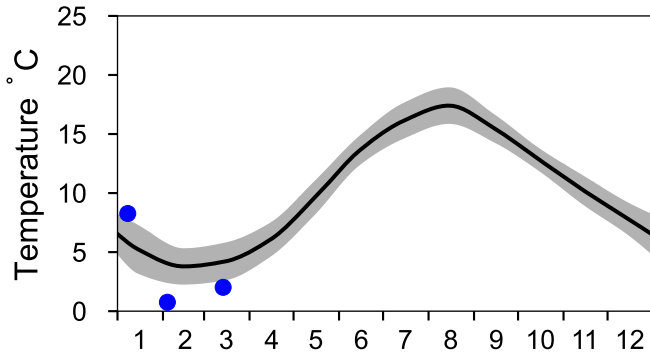
STATION Å17 SURFACE WATER (0-10 m)

Annual Cycles

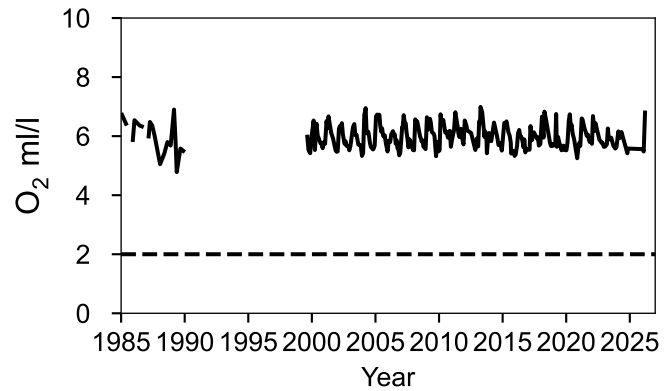
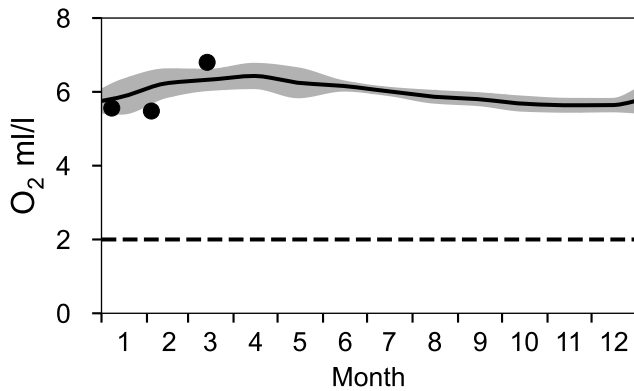
— Mean 1991-2020

■ St.Dev.

● 2026

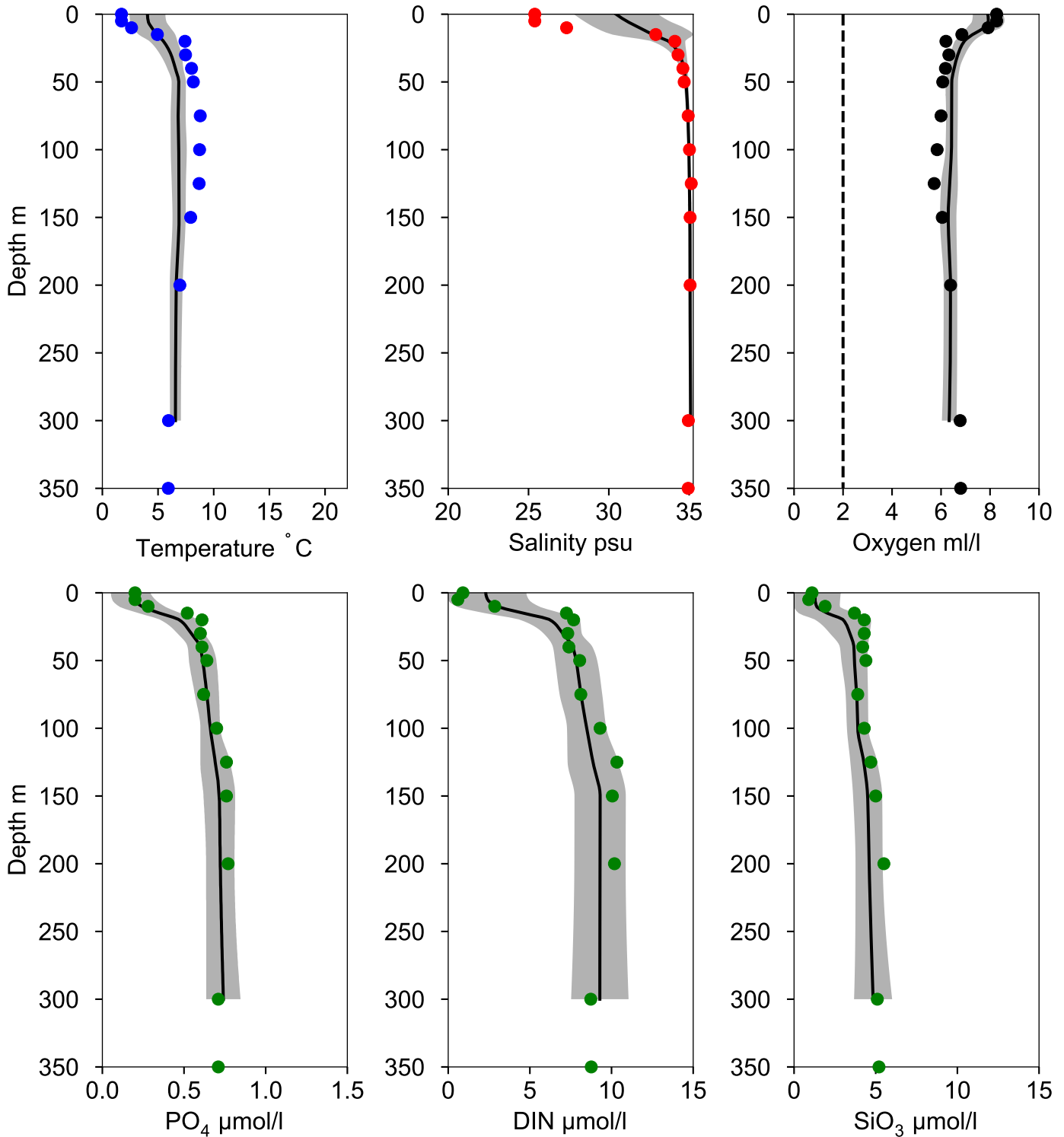


OXYGEN IN BOTTOM WATER (depth >= 300 m)



Vertical profiles Å17 March

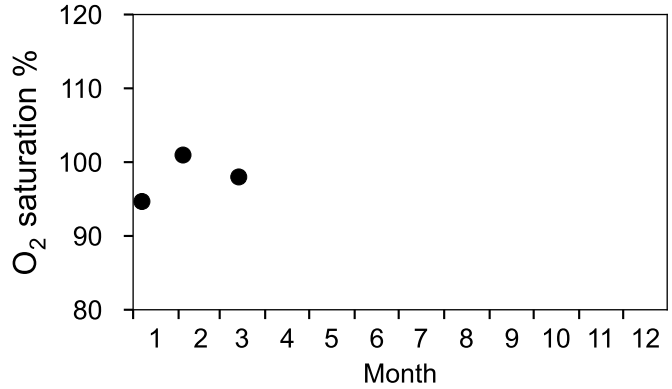
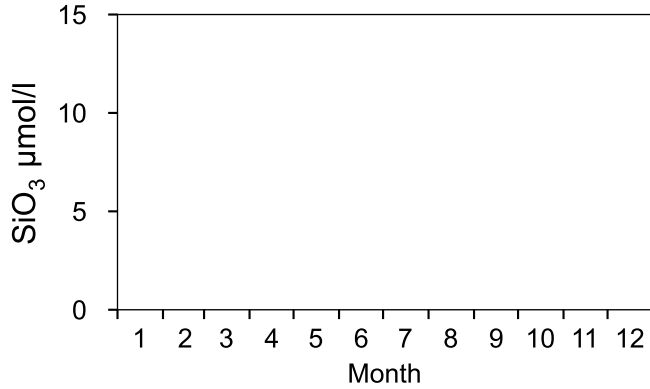
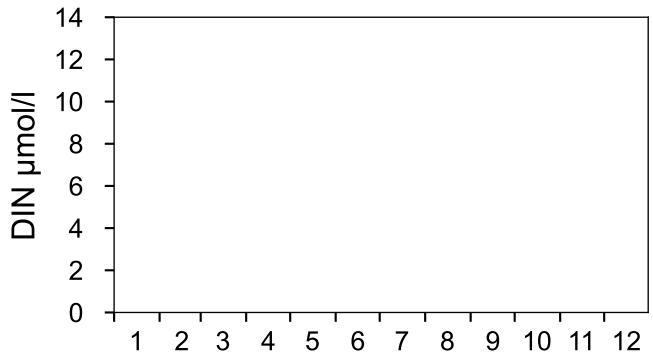
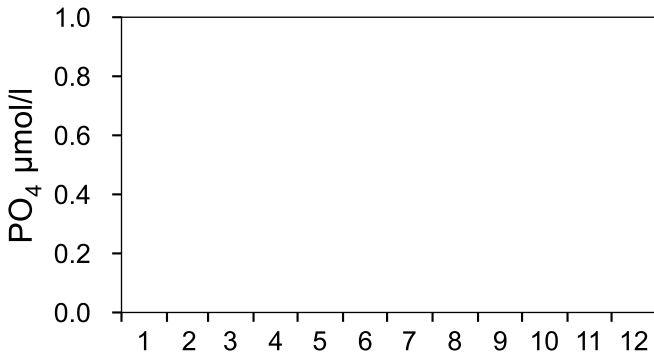
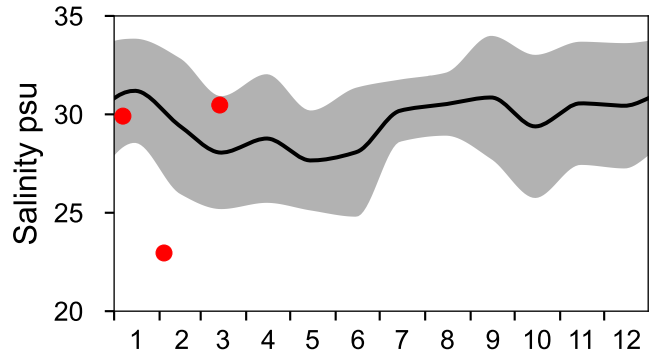
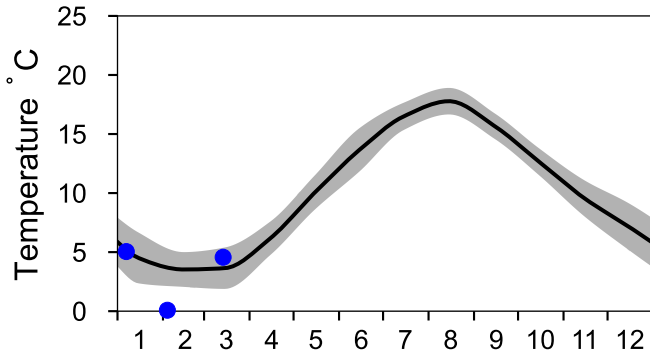
— Mean 1991-2020 St.Dev. ● 2026-03-14



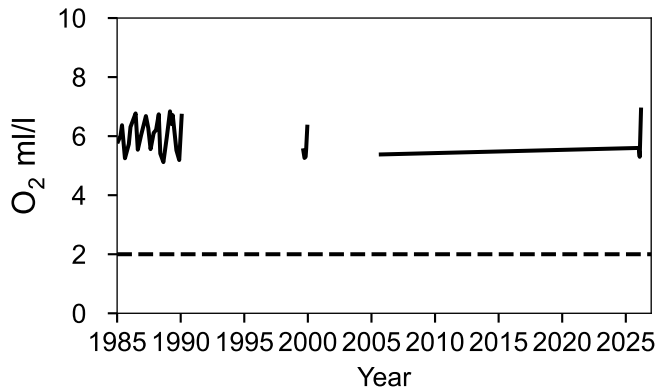
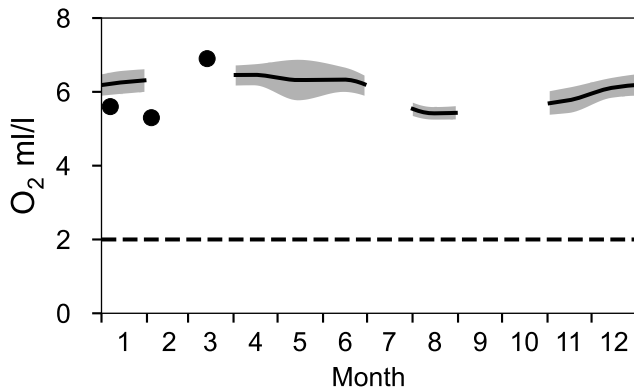
STATION Å14 SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026

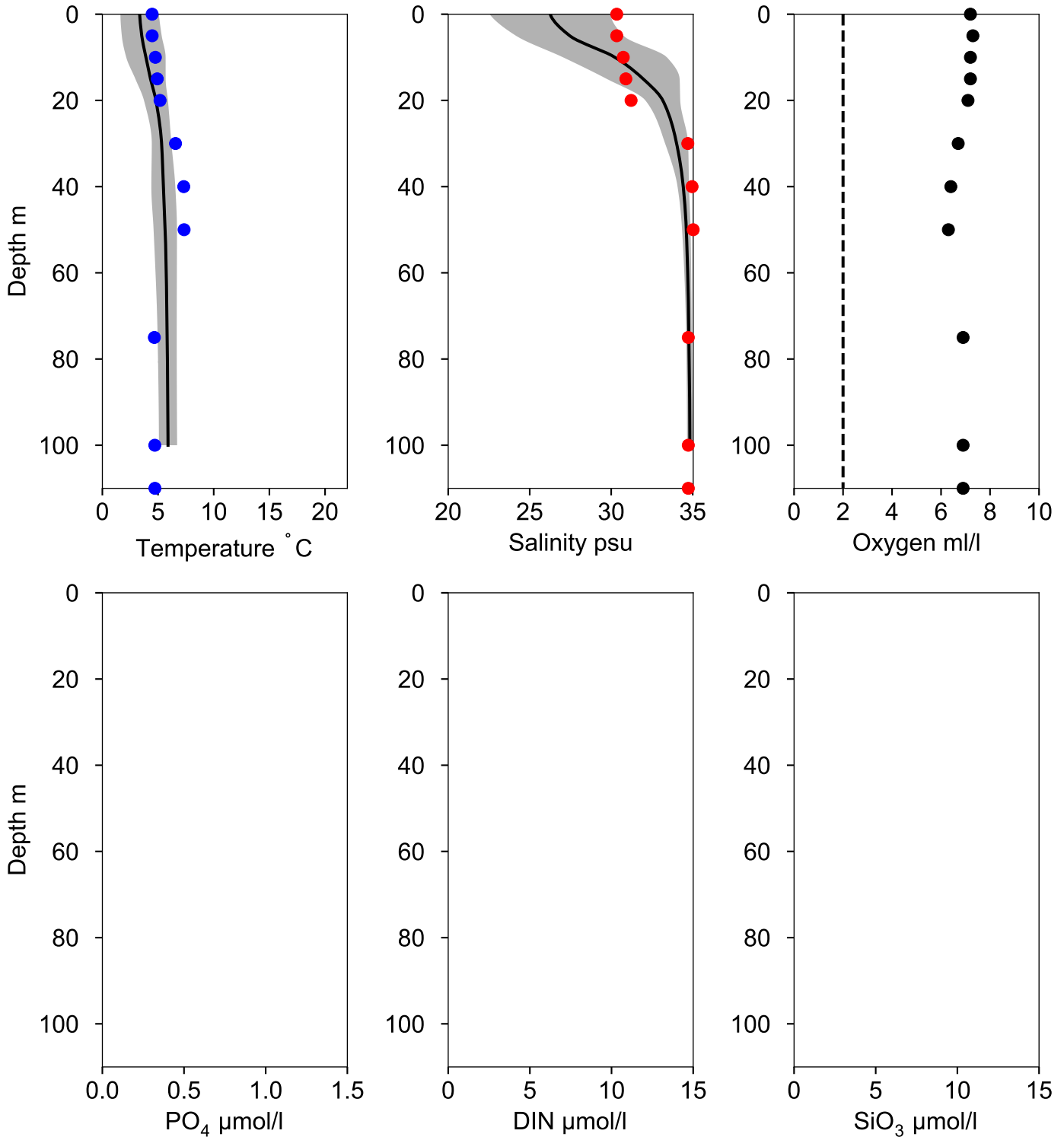


OXYGEN IN BOTTOM WATER (depth >= 100 m)



Vertical profiles Å14 March

— Mean 1991-2020 ■ St.Dev. ● 2026-03-14



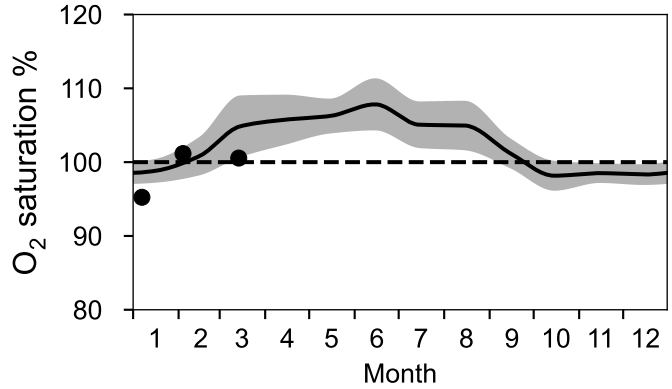
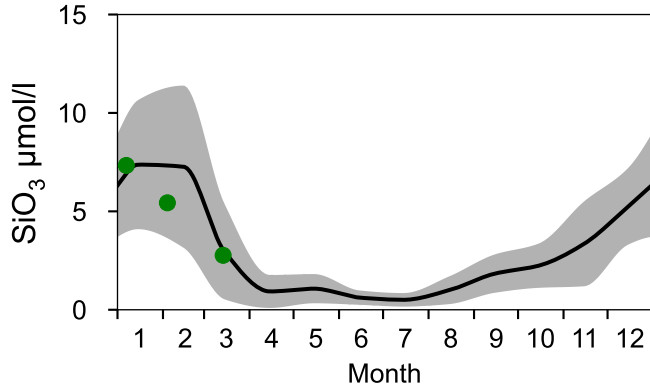
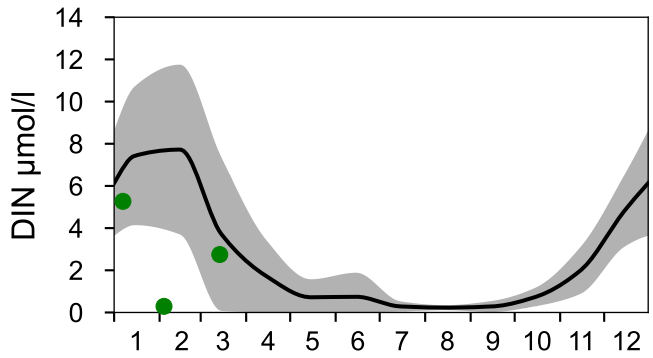
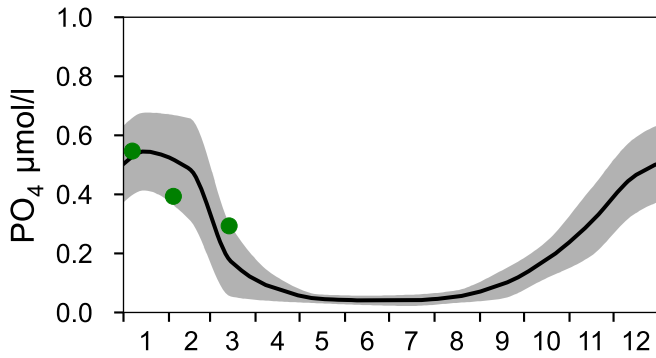
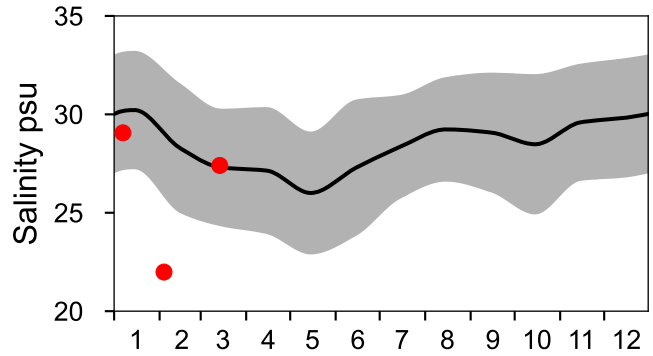
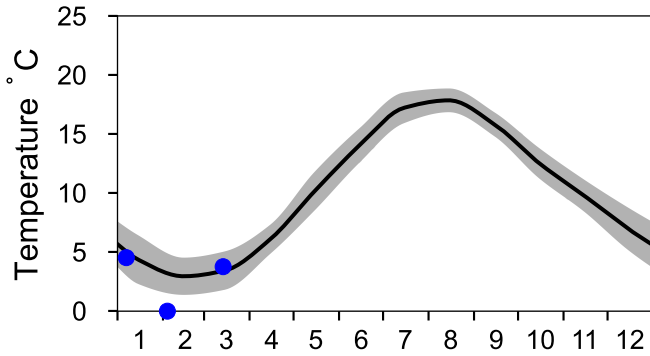
STATION Å13 SURFACE WATER (0-10 m)

Annual Cycles

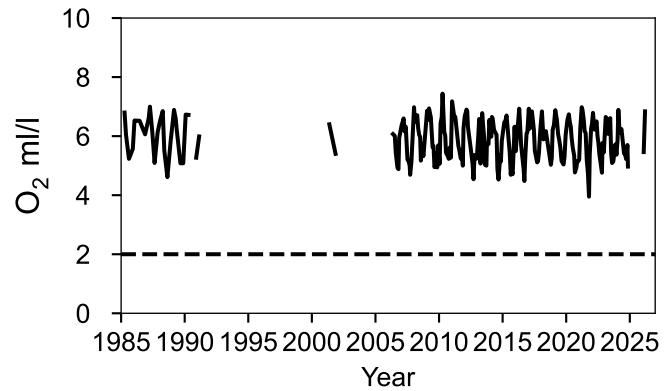
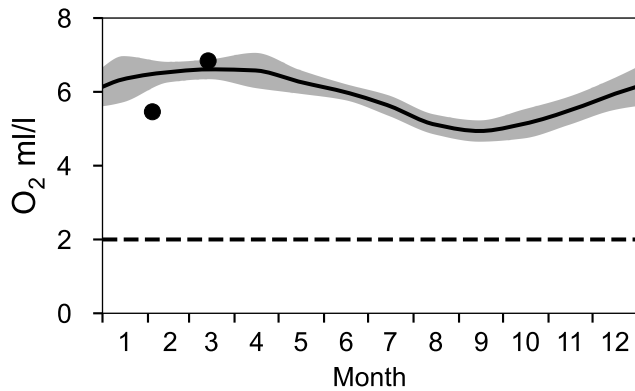
— Mean 1991-2020

■ St.Dev.

● 2026



OXYGEN IN BOTTOM WATER (depth >= 82 m)

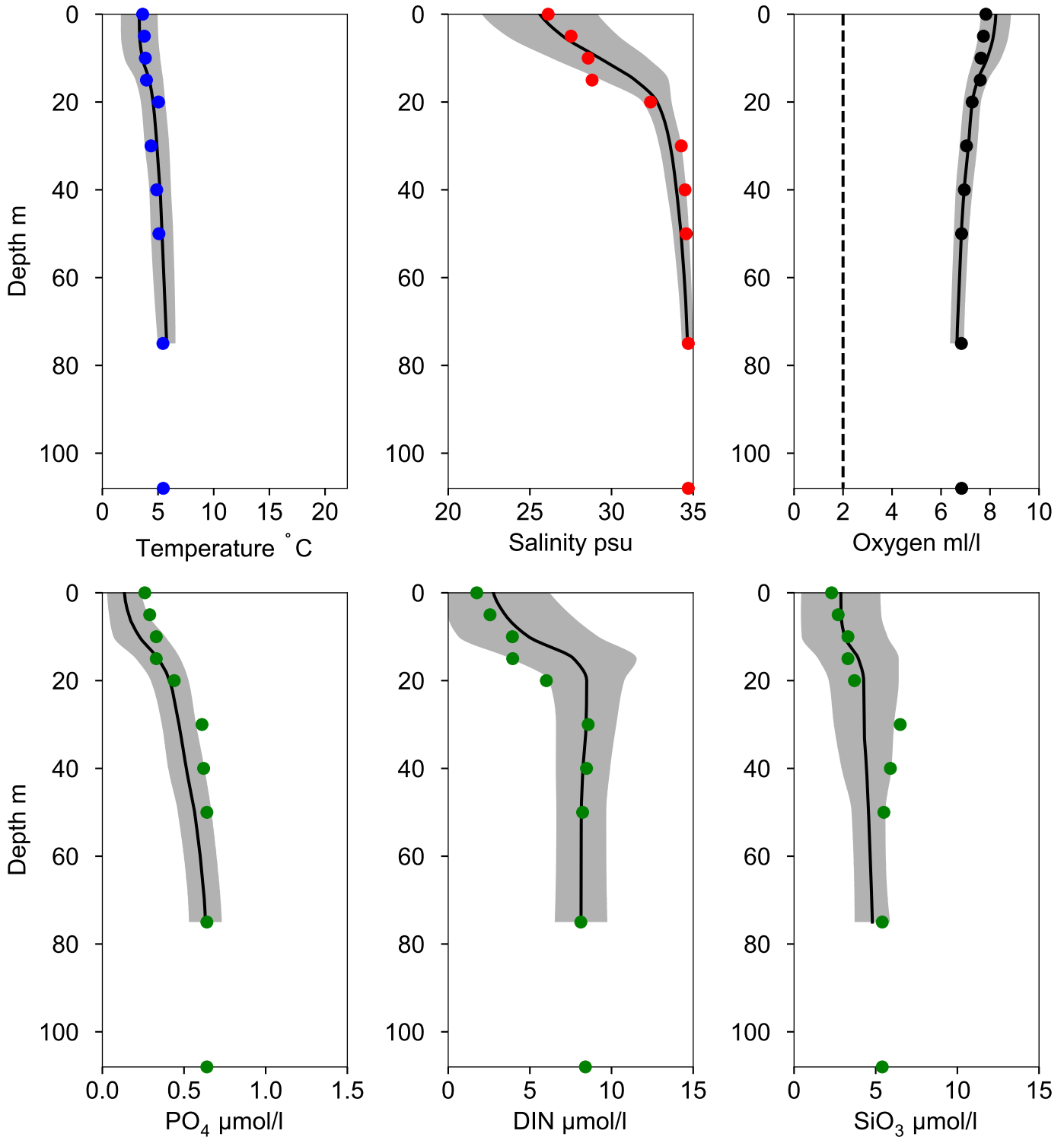


Vertical profiles Å13 March

— Mean 1991-2020

■ St.Dev.

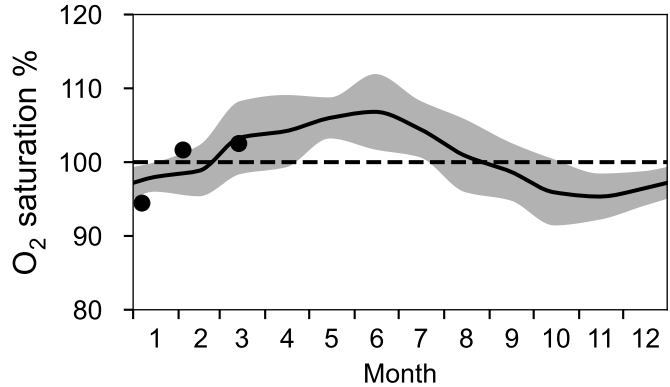
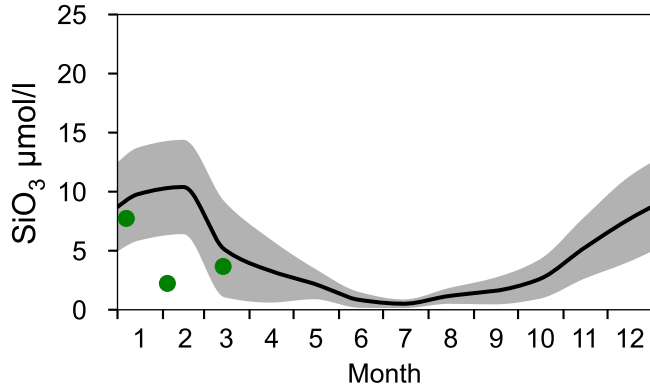
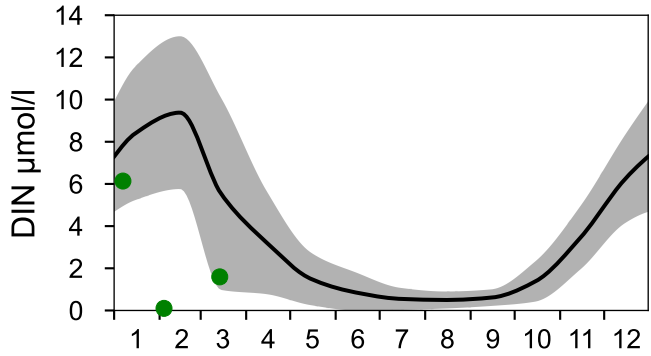
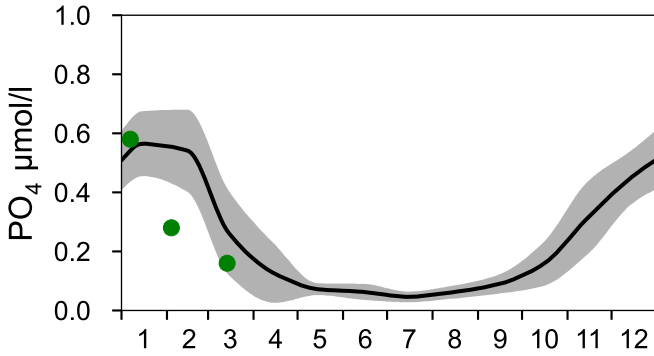
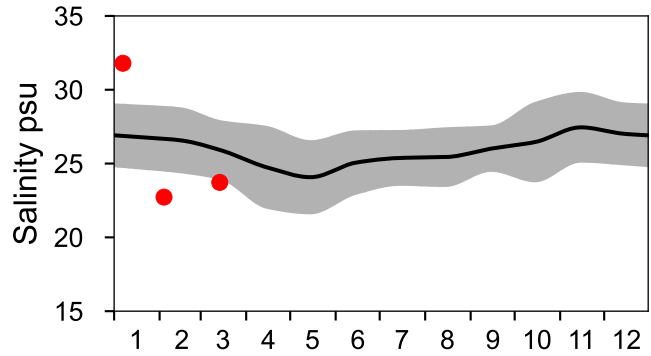
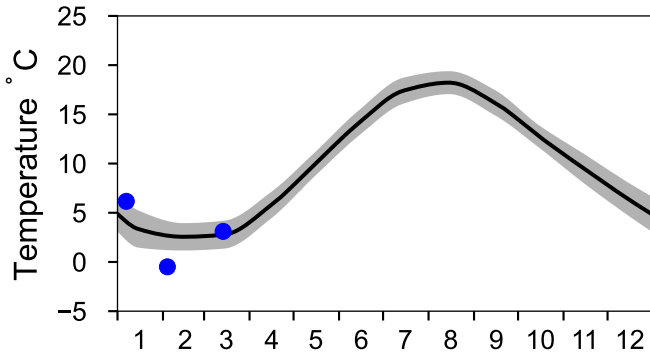
● 2026-03-14



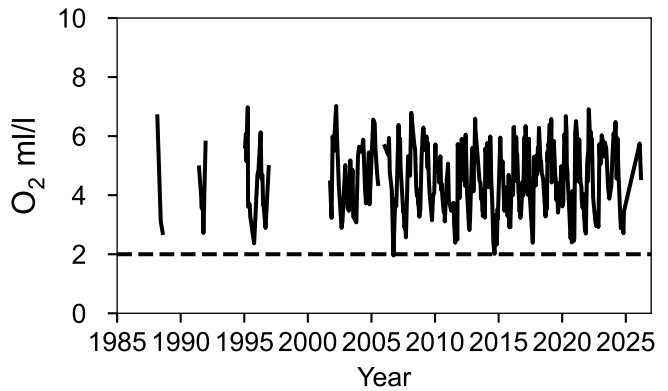
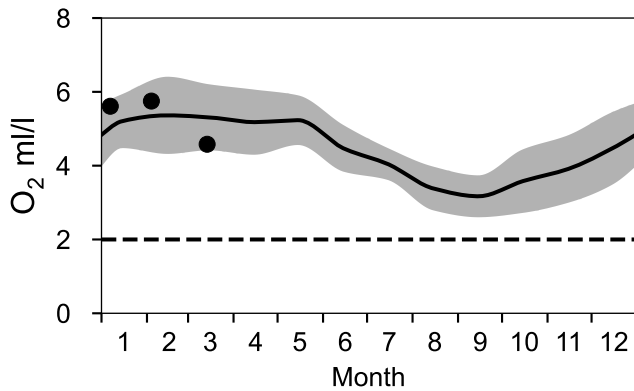
STATION SLÄGGÖ SURFACE WATER (0-10 m)

Annual Cycles

— Mean 1991-2020 St.Dev. ● 2026



OXYGEN IN BOTTOM WATER (depth >= 64 m)



Vertical profiles SLÄGGÖ March

— Mean 1991-2020 St.Dev. ● 2026-03-14

