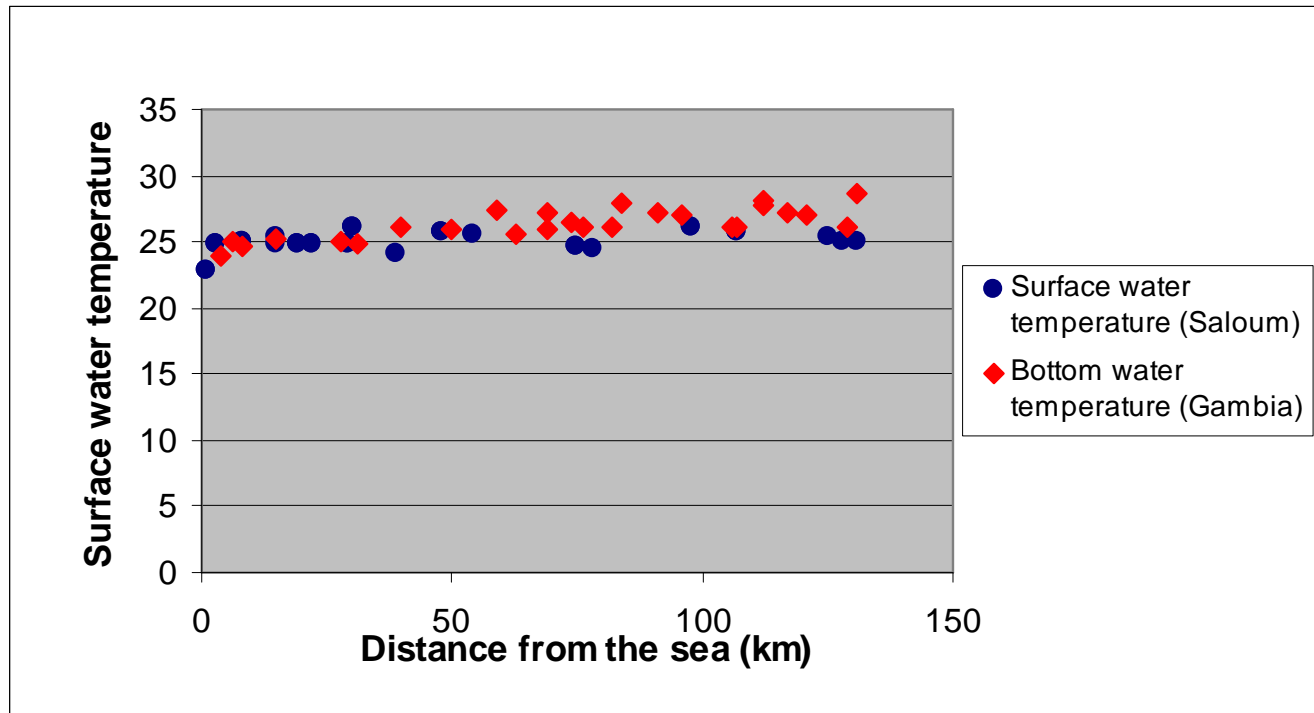
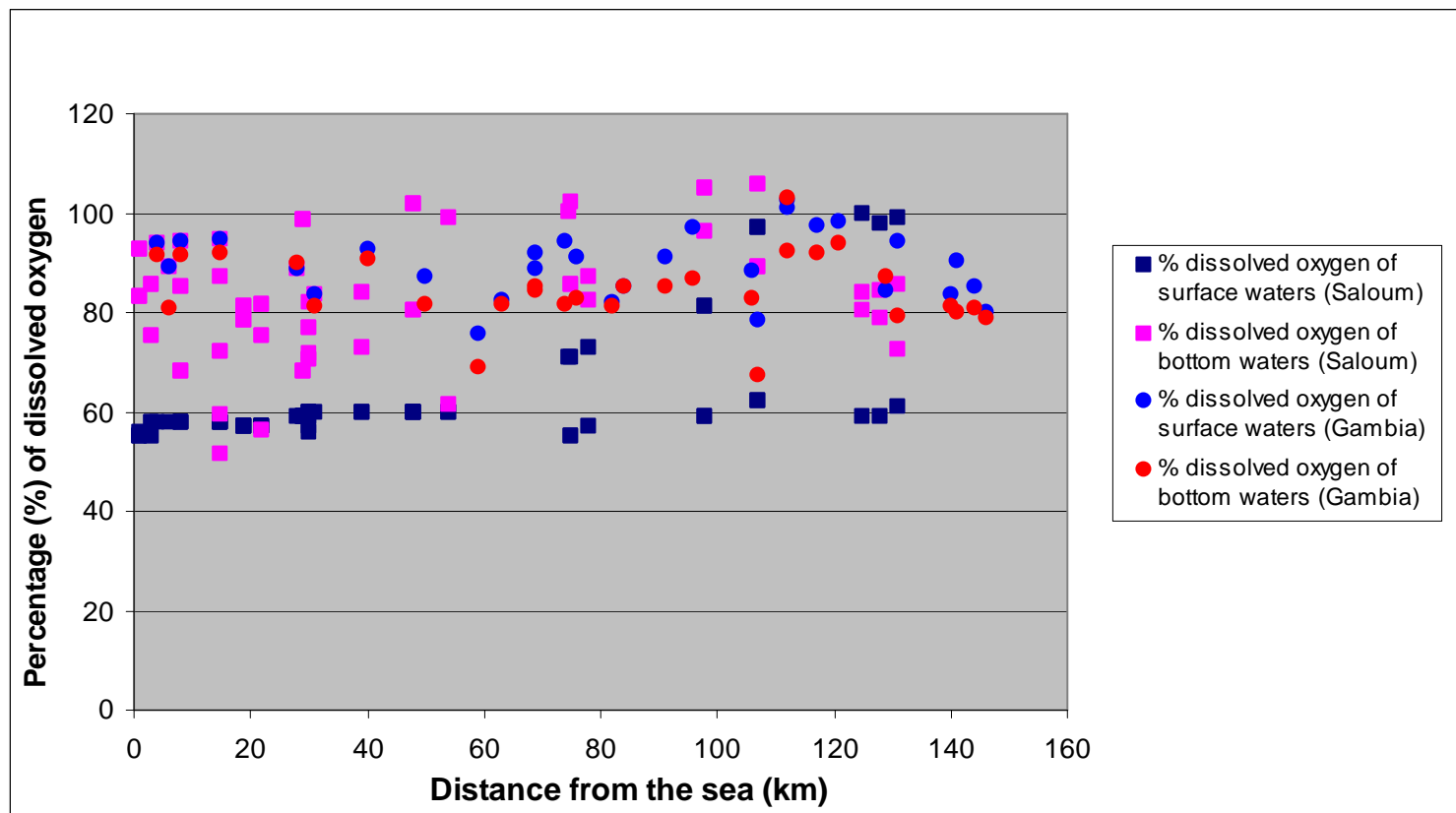


**Supplementary Figure 1:** Evolution of surface and bottom water salinity in the Saloum and Gambian estuaries



**Supplementary Figure 2:** Evolution of surface water temperature in the Saloum and Gambian estuaries.



**Supplementary Figure 3:** Evolution of surface and bottom % dissolved oxygen of surface and bottom waters in the Saloum and Gambian estuaries.

**Supplementary Table 1:** Additional environmental data from Guiers Lake and Hann Bay

Variable	Guiers Lake	Hann Bay
Salinity (psu)	0	37-38
Water temperature (°C)	24.9	25
Oxygen (mg L <sup>-1</sup> )	6.7	4.84