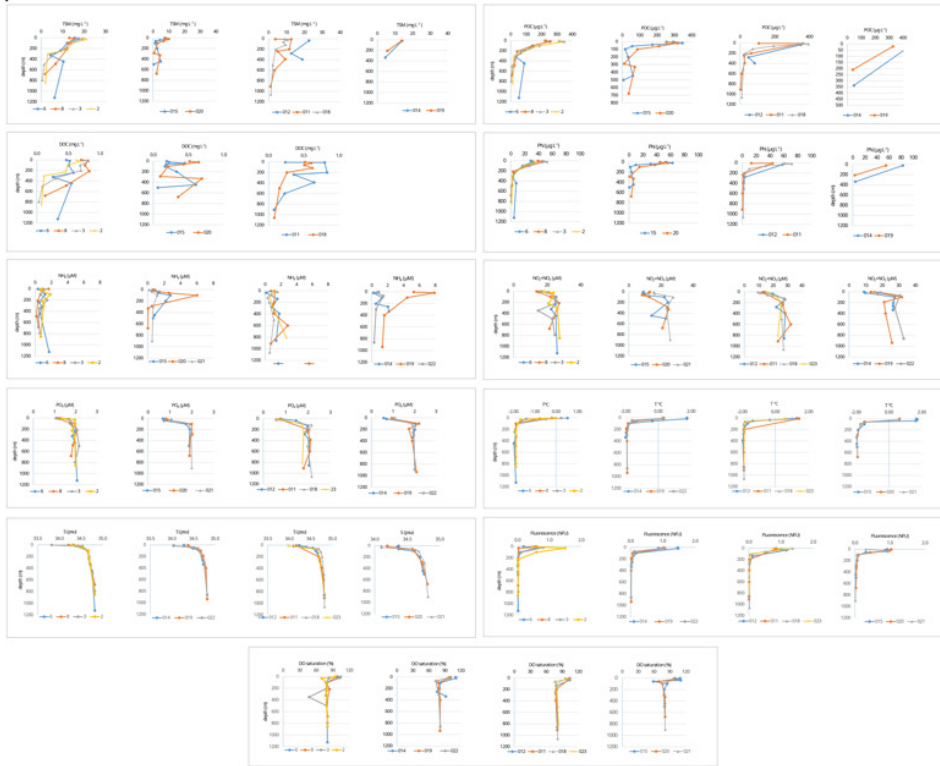
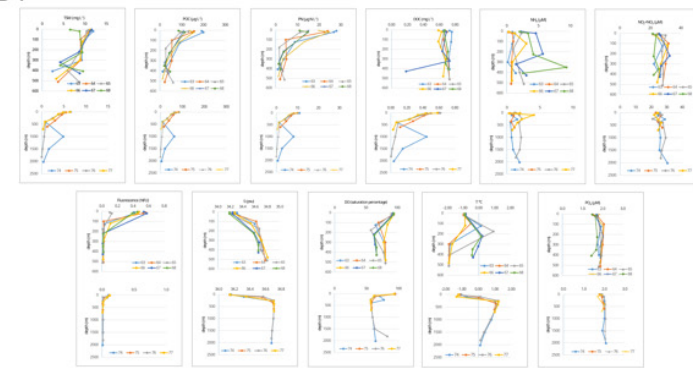


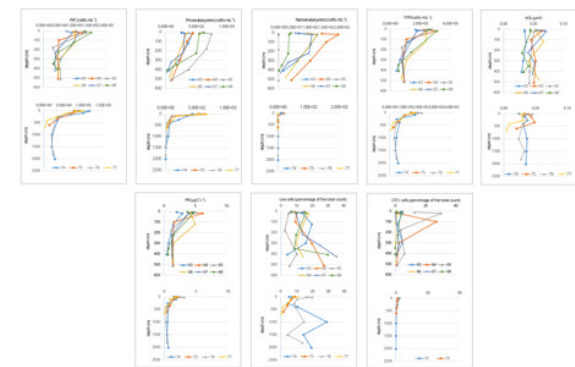
A1



B1



B2



A2

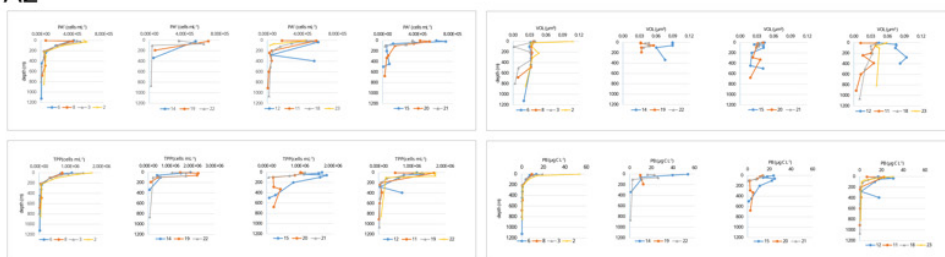


Figure S1. (A1) Vertical profiles of physical-chemical variables (Temperature, T; Salinity, S; Dissolved Oxygen, DO; Fluorescence; nutrients: ammonia, NH_4 ; nitrite+nitrate, NO_2+NO_3 ; phosphate, PO_4 ; Total Suspended Matter, TSM; Particulate Organic Carbon, POC, Particulate Nitrogen, PN; Dissolved Organic Carbon, DOC) in the A area. (A2) Vertical profiles of microbial abundance (Prokaryotic abundance, TPP; Volume and Biomass; Prokaryotic abundance by cytometry, PA^{C}) in the A area. (B1) Vertical profiles of physical-chemical variables (Temperature, T; Salinity, S; Dissolved Oxygen, DO; Fluorescence; nutrients: ammonia, NH_4 ; nitrite+nitrate, NO_2+NO_3 ; phosphate, PO_4 ; Total Suspended matter, TSM; Particulate Organic Carbon, POC, Particulate Nitrogen, PN; Dissolved Organic Carbon, DOC) in the C area. (B2) Vertical profiles of microbial abundance (Prokaryotic abundance, TPP; Live cells; Actively respiring cells, CTC+; Volume and Biomass; Prokaryotic abundance by cytometry, PA^{C} ; Picoeukaryotes; Nanoeukaryotes) in the C area.