

**Long term variability in overwintering copepod populations in the Lofoten Basin: the role of the
North Atlantic Oscillation and trophic effects**

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UiT / THE ARCTIC UNIVERSITY
OF NORWAY



photo by Sunnje Basedow



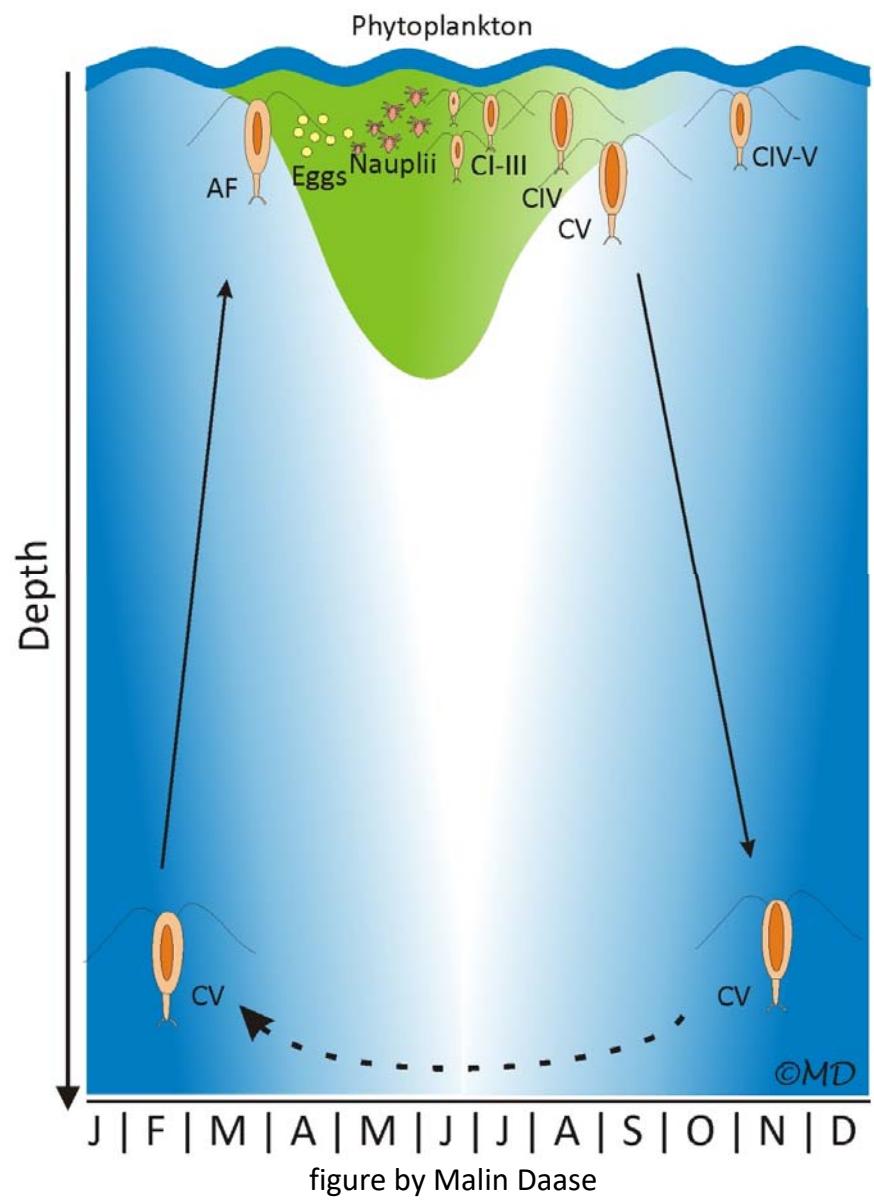
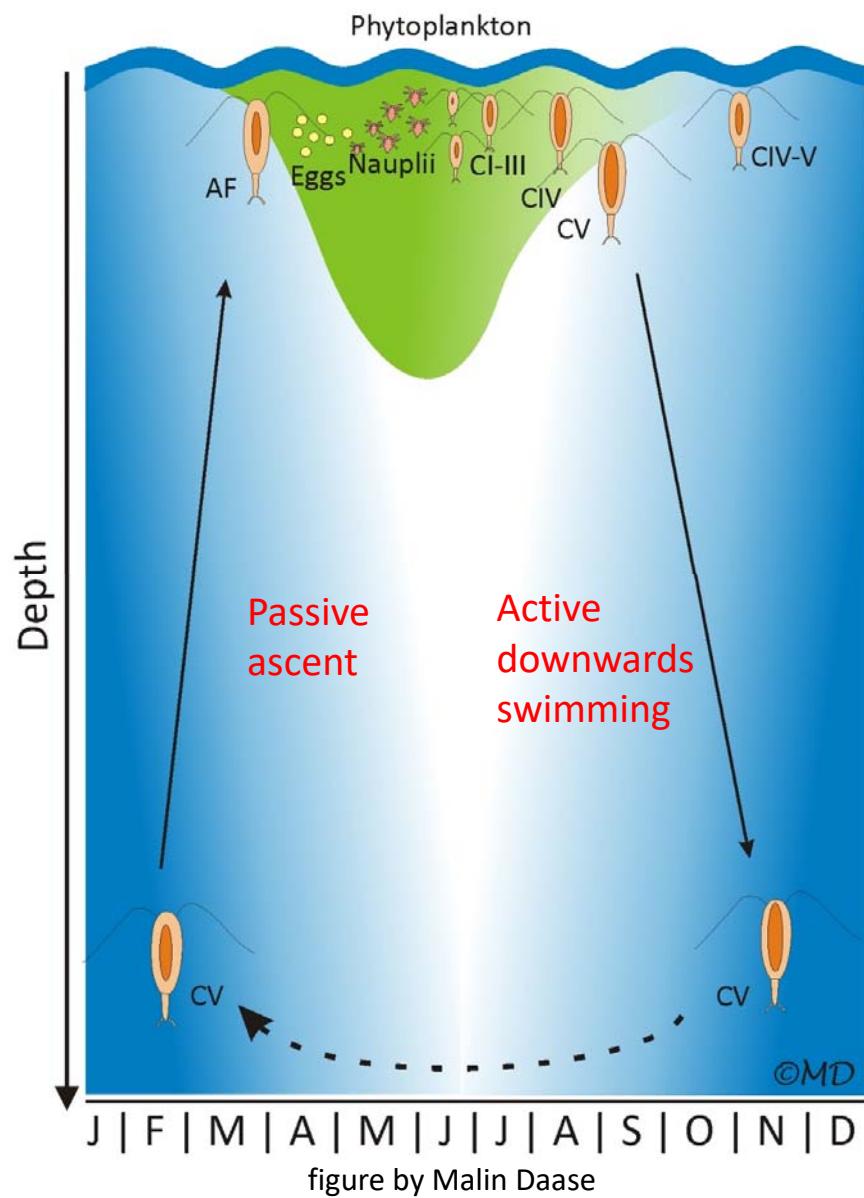


figure by Malin Daase



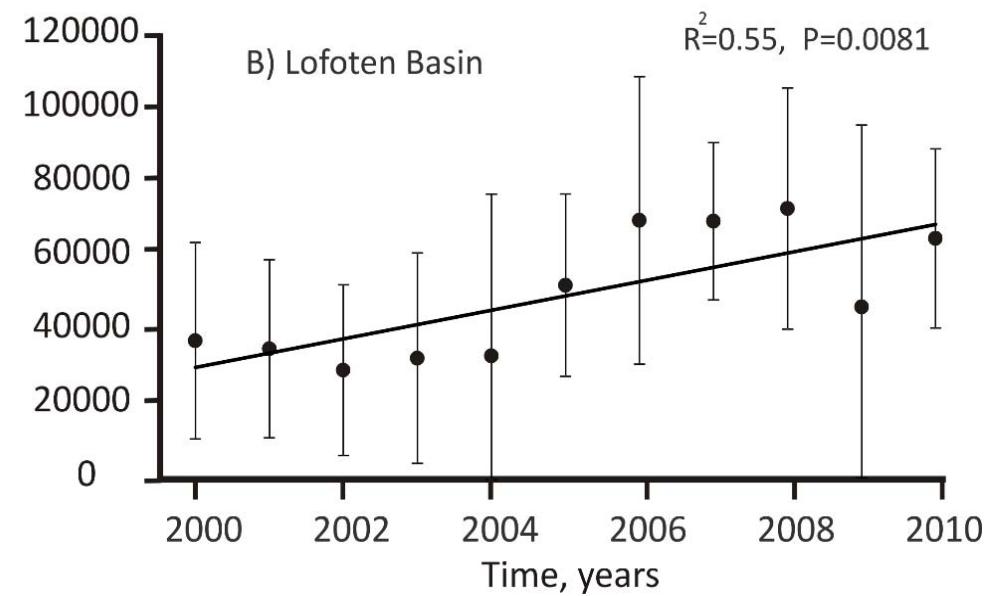
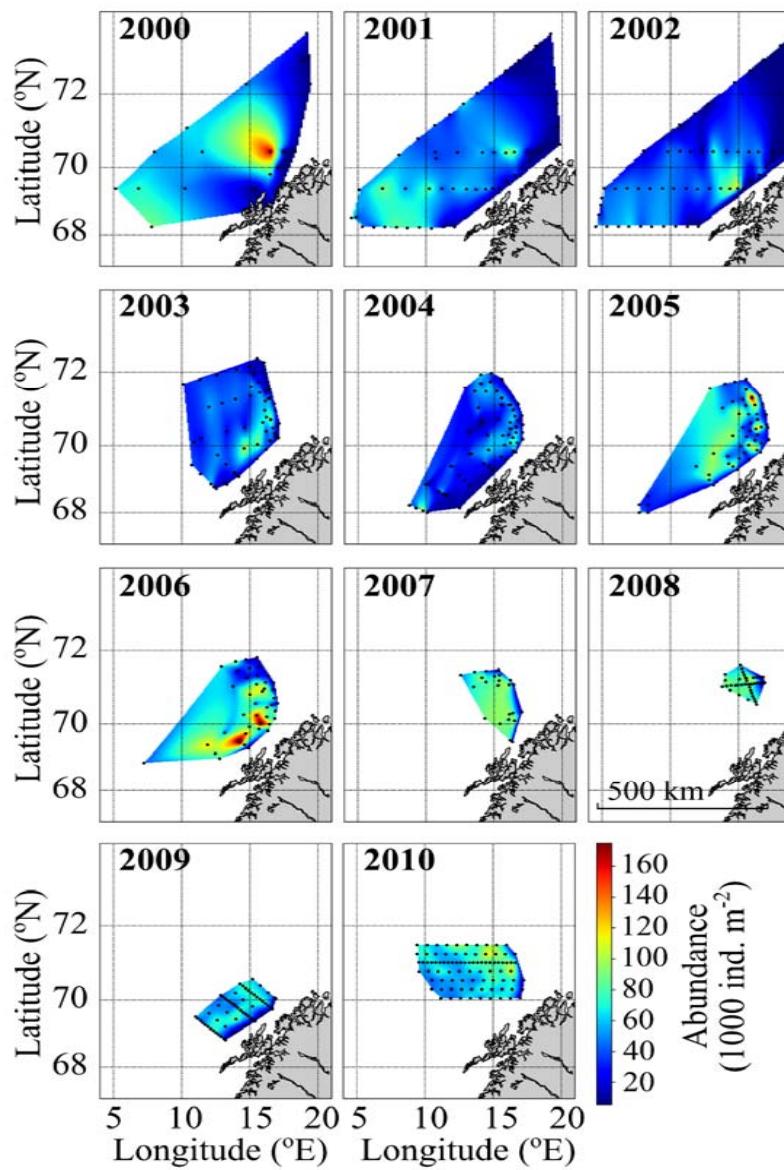
Decrease in lipid density
(positive buoyancy)



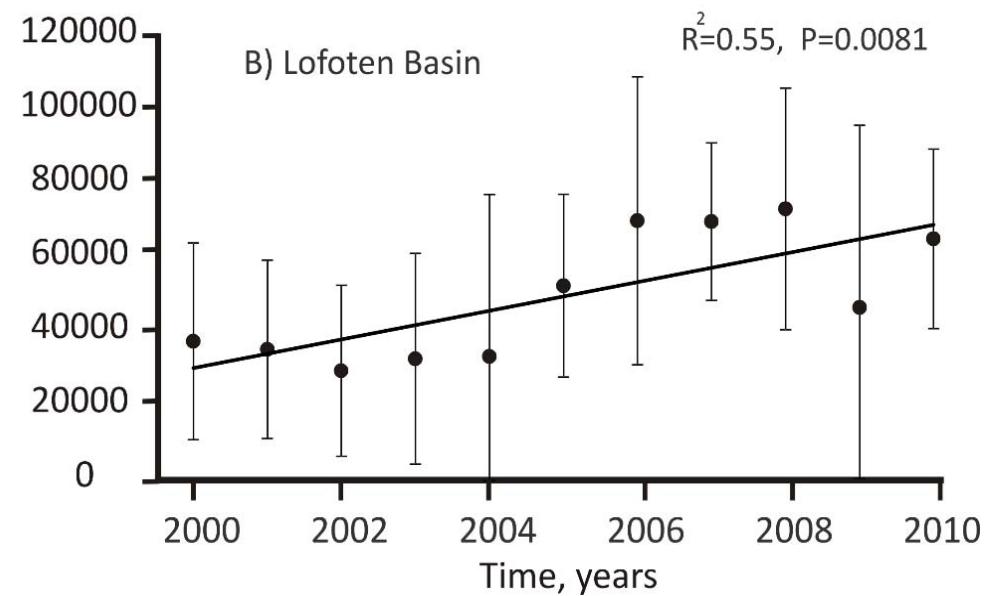
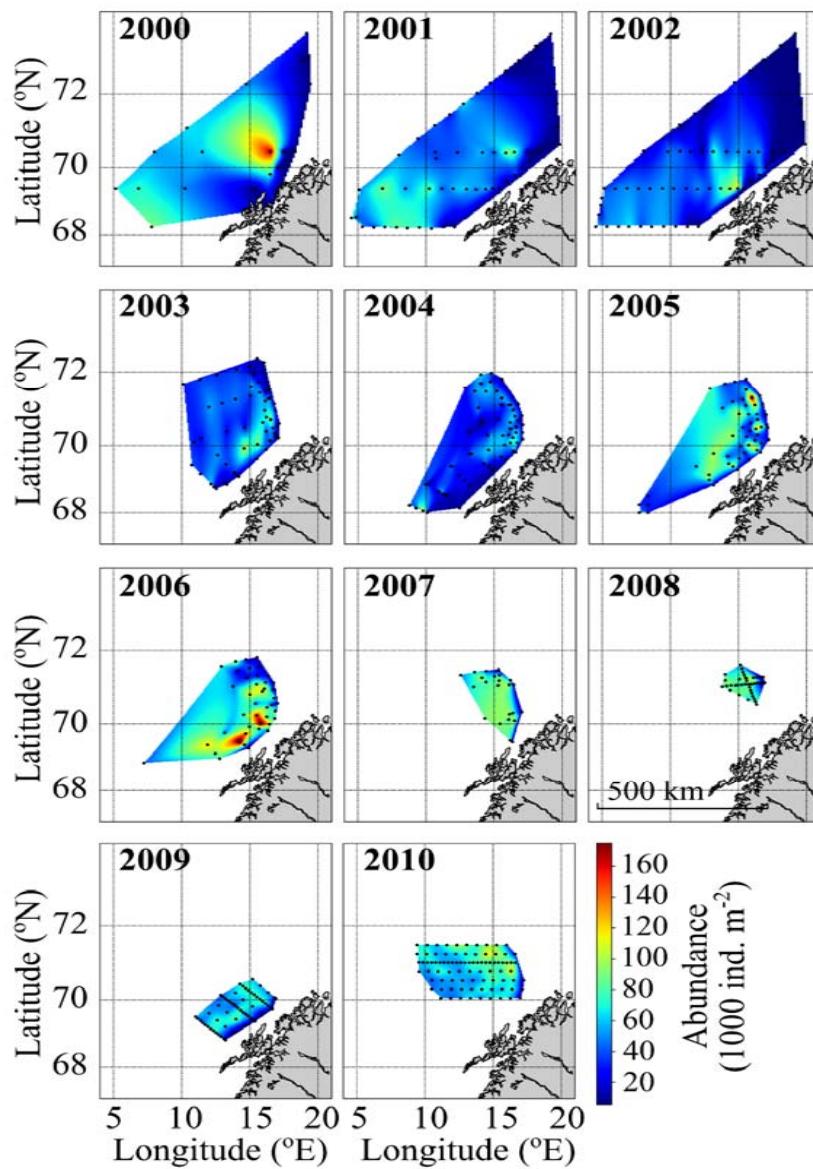
Increase in lipid density
(neutral buoyancy)



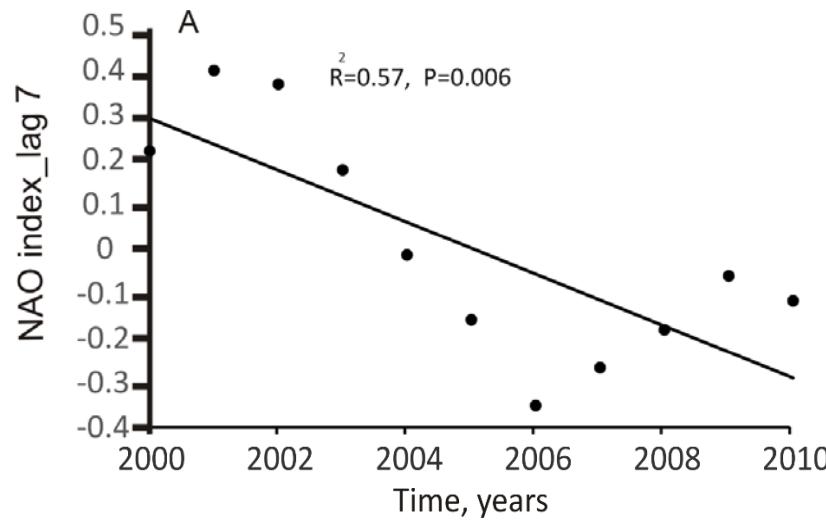
WINTER TIME CRUISES, 2000-2010



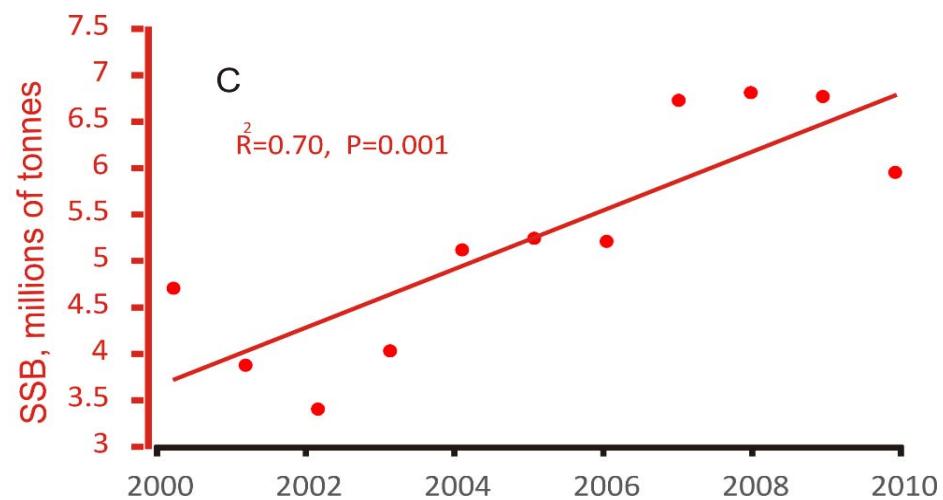
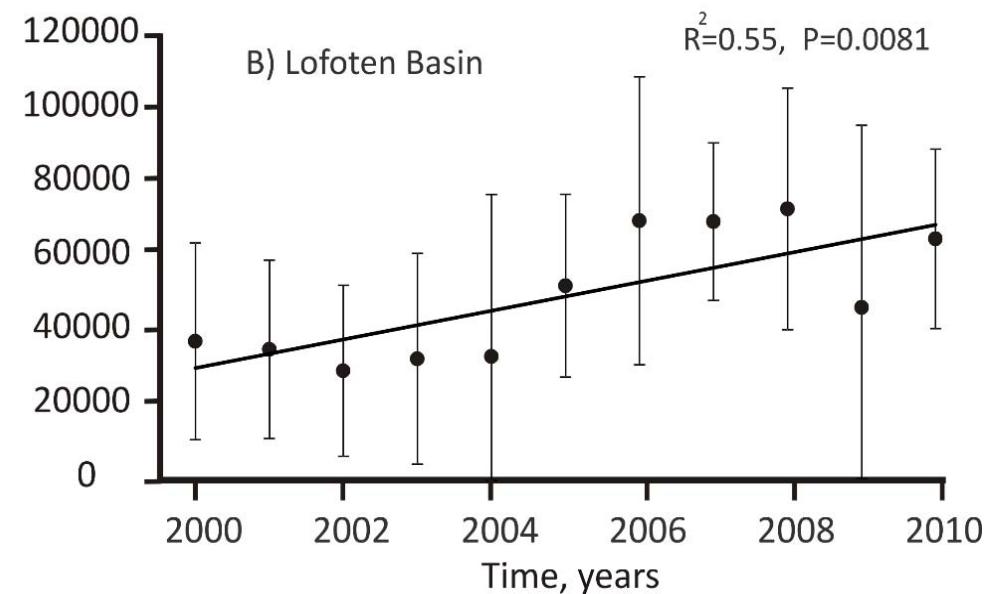
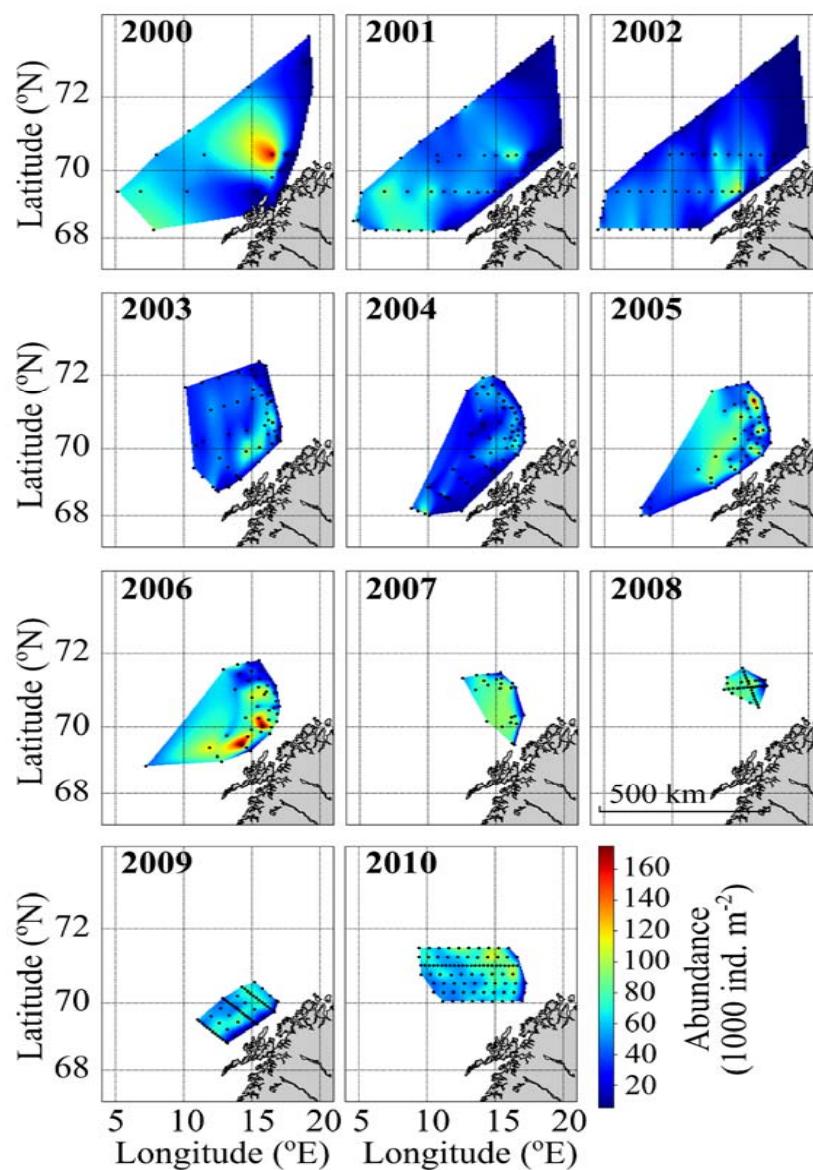
WINTER TIME CRUISES, 2000-2010



WINTER TIME NAO, RUNNING AVERAGE 5 YEARS

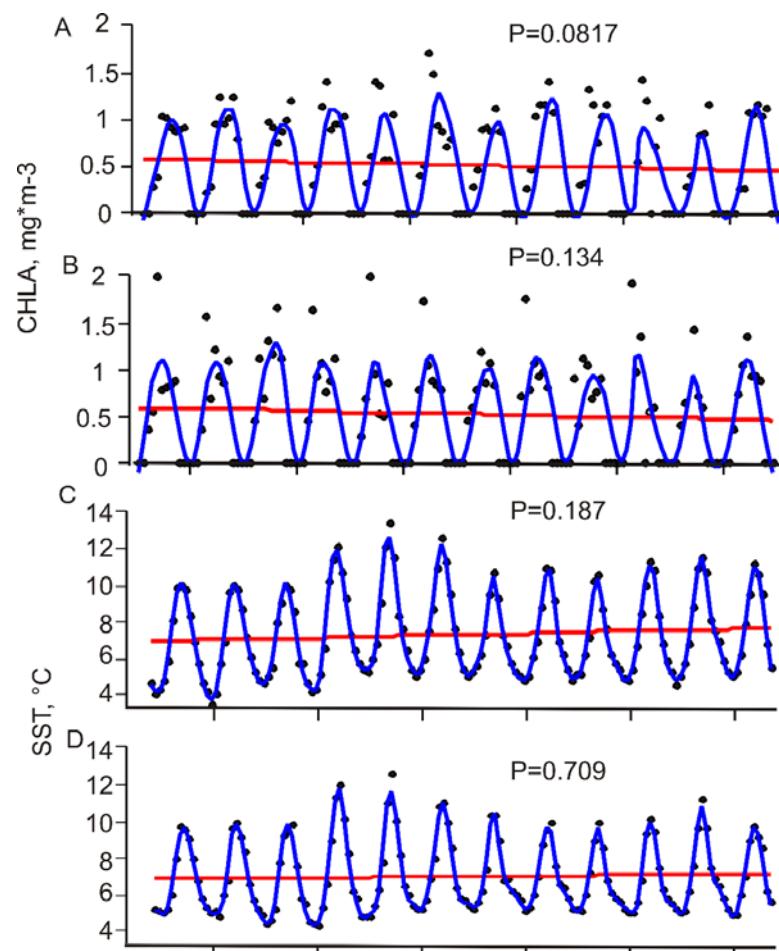


WINTER TIME CRUISES, 2000-2010

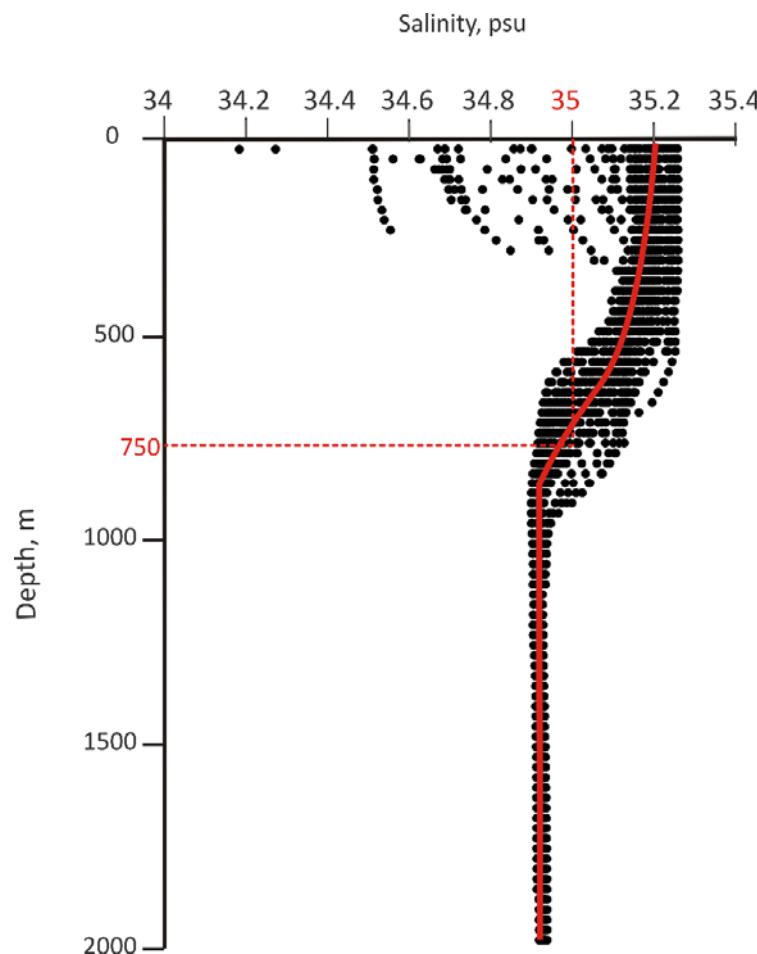


WINTER TIME CRUISES, 2000-2010

SURFACE ENVIRONMENT

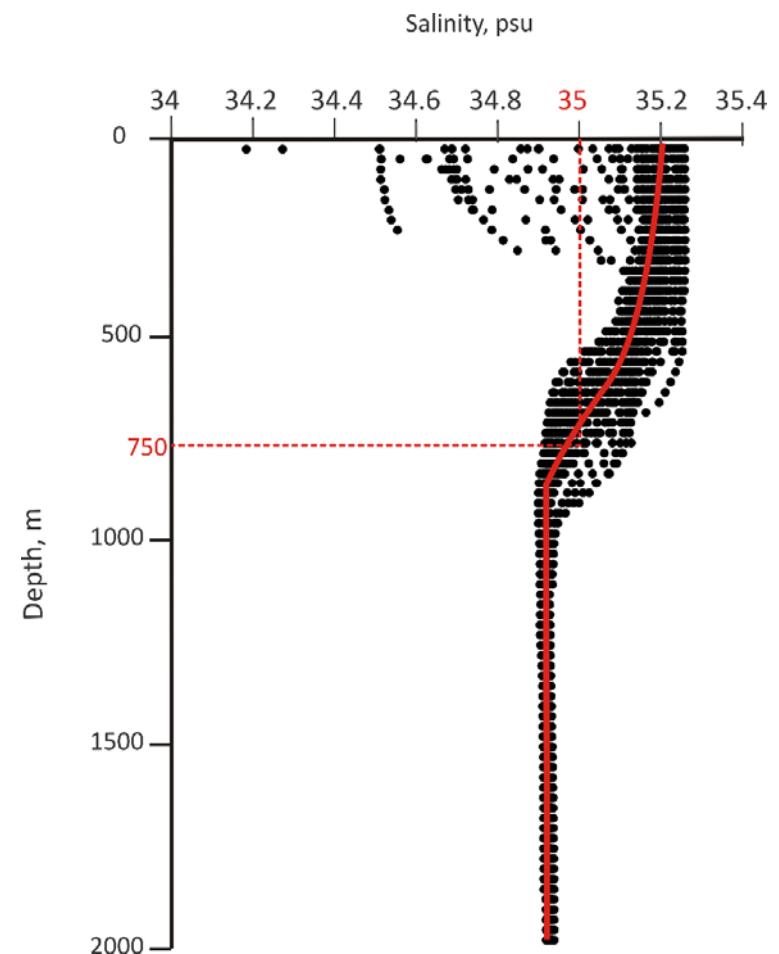
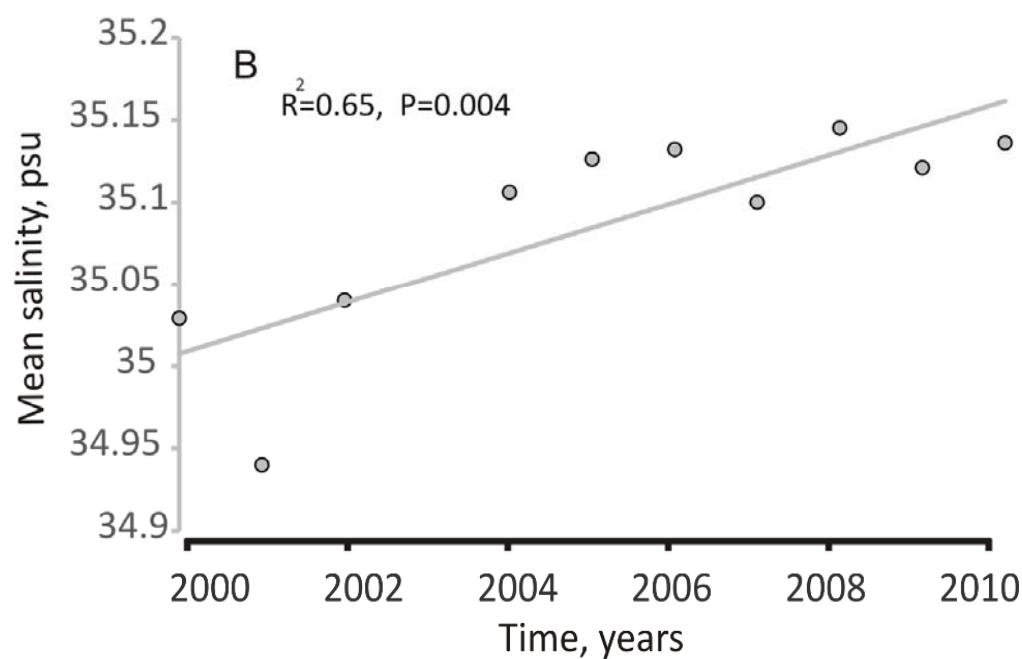


DEEP ENVIRONMENT

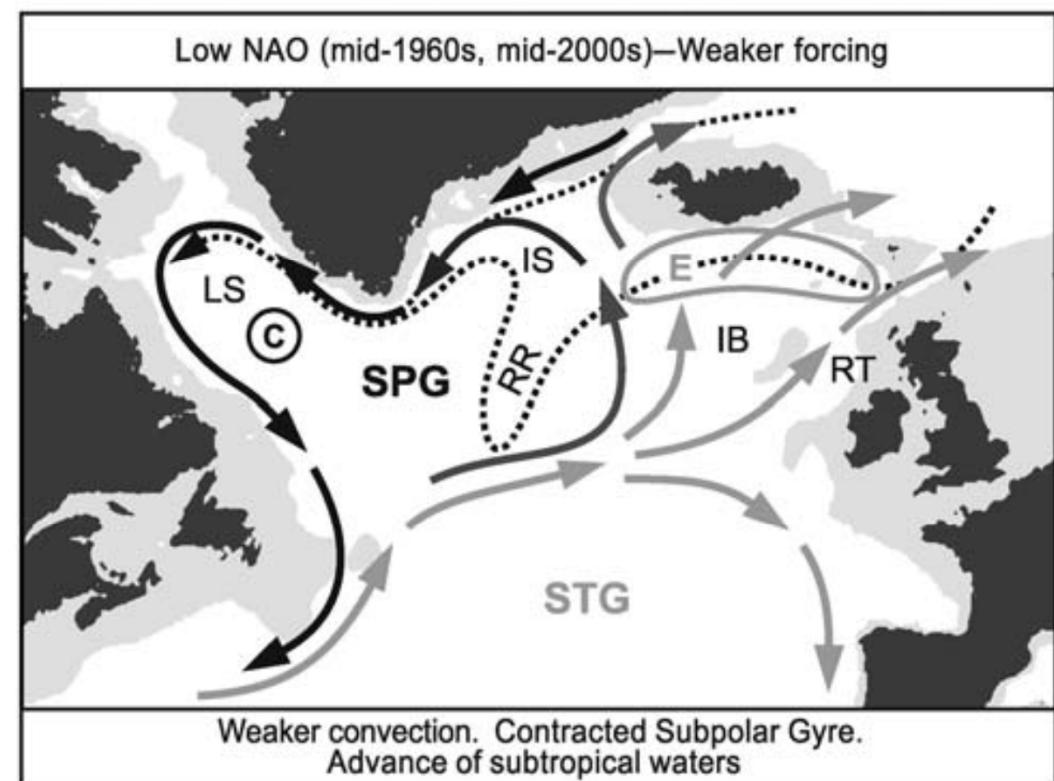
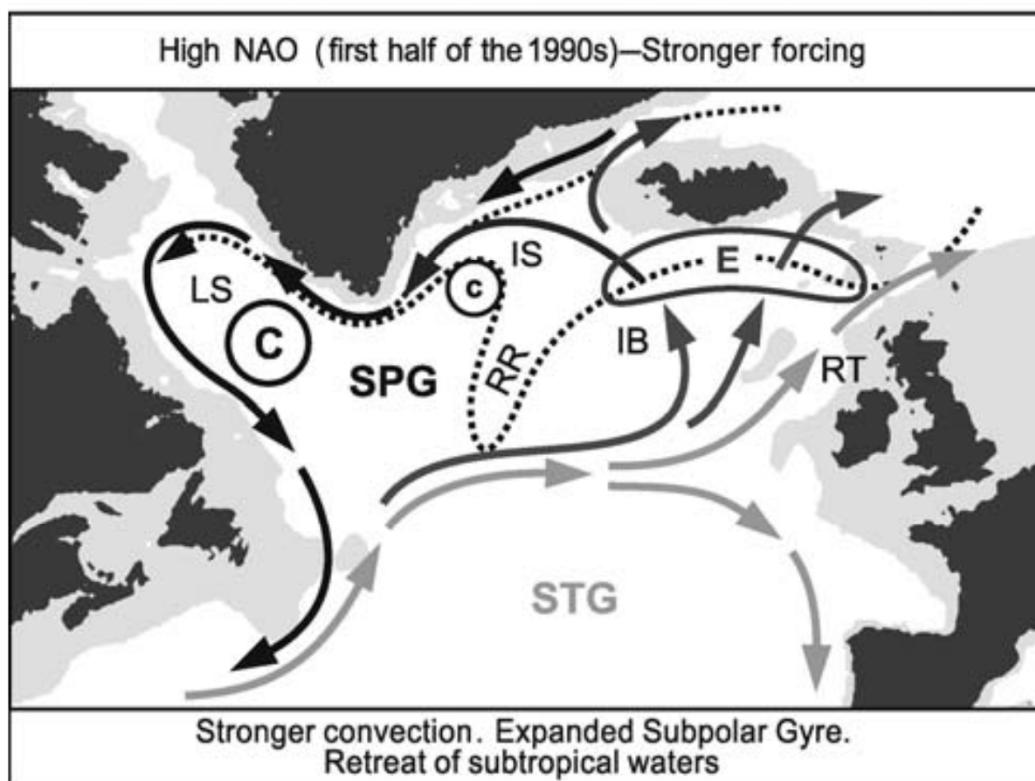


WINTER TIME CRUISES, 2000-2010

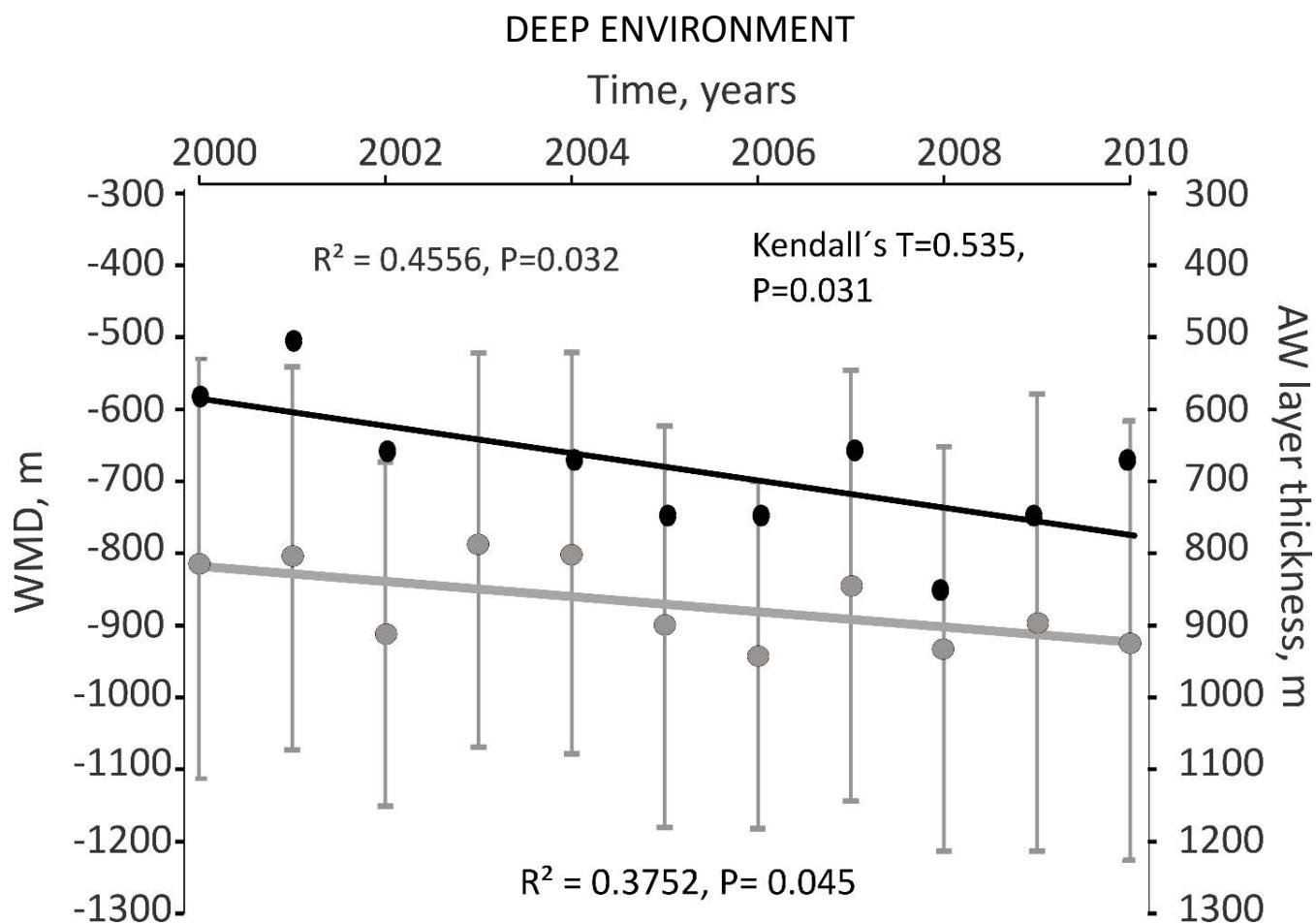
DEEP ENVIRONMENT



DEEP ENVIRONMENT



Sarafanov 2009. ICES Journal of Marine Science



B) Long term - NAO

