

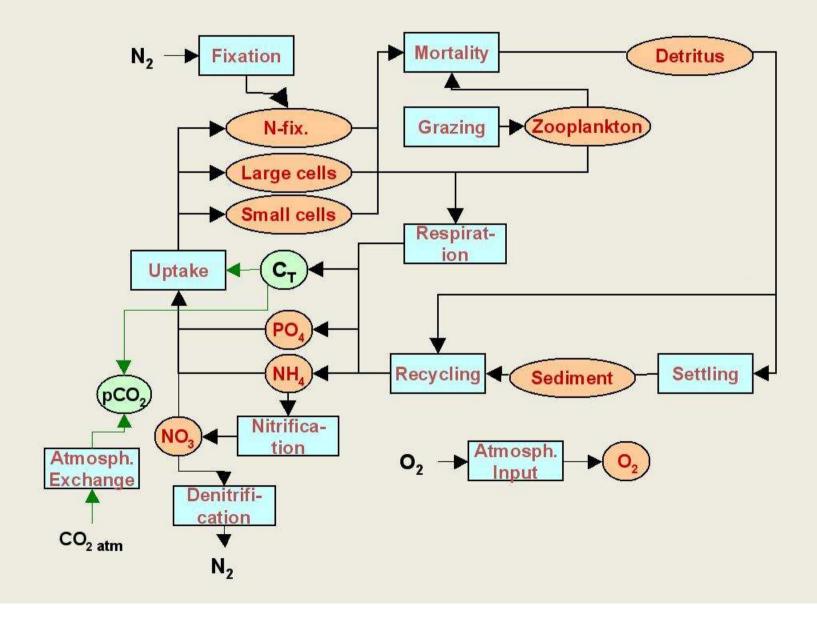
Simulation of the carbon cycle in the Baltic Sea.

MOM+ERGOM application

Ivan Kuznetsov, Thomas Neumann. Leibniz Institute for Baltic Sea Research Warnemünde (IOW).



ERGOM model + simple carbon cycle

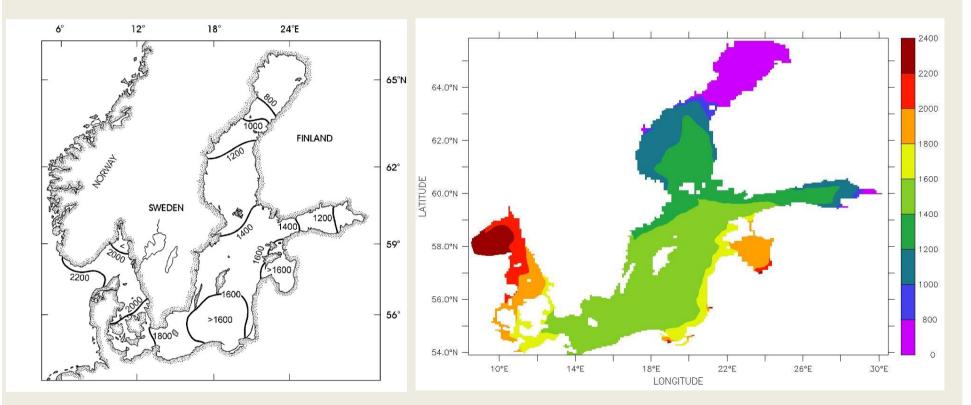




Time averaged surface alkalinity

Rodhe, 1998

simulation results

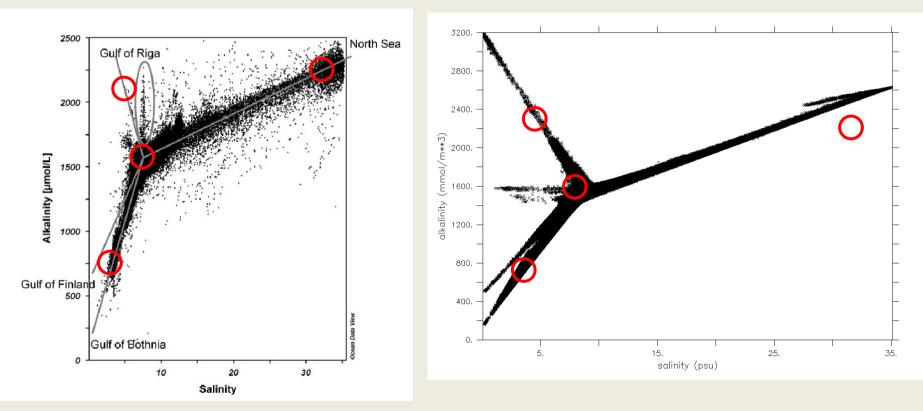




Alkalinity salinity diagrams

Hjalmarsson et al., 2008

simulation results

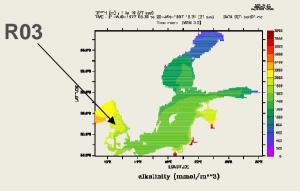


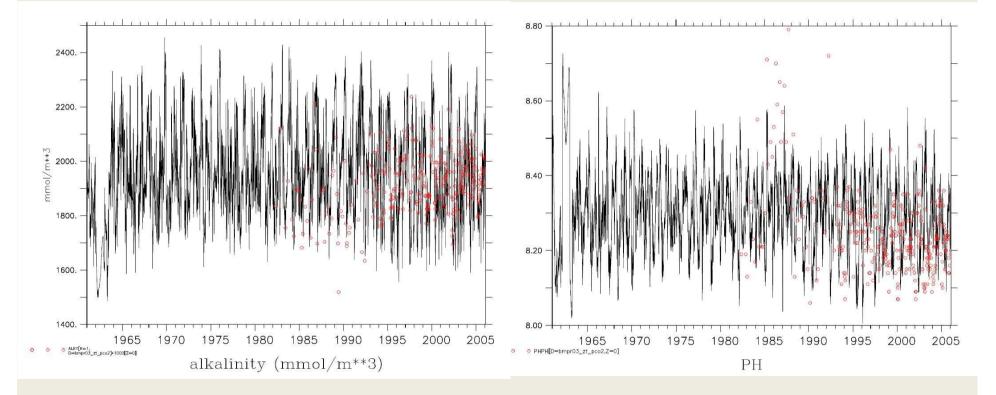


Surface alkalinity and pH, R03

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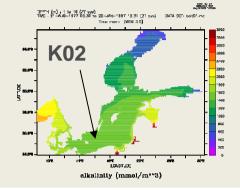
WARNEMÜNDE

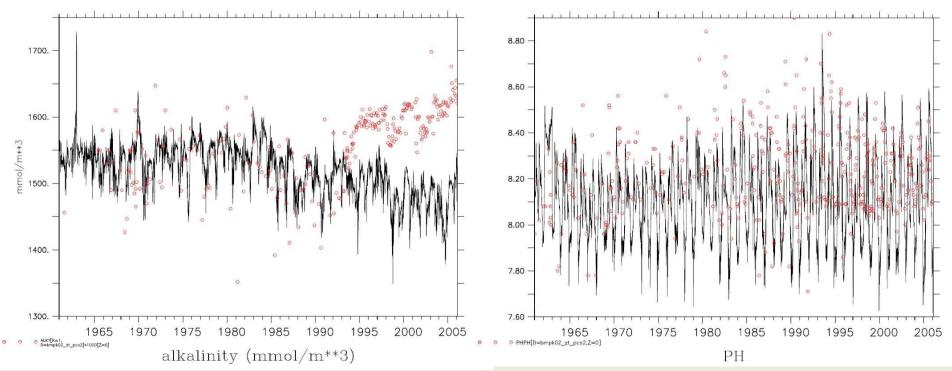






Surface alkalinity and pH, K02







Surface alkalinity and pH, J01

