Supporting information

for

Connecting the dots: responses of coastal ecosystems to changing nutrient concentrations

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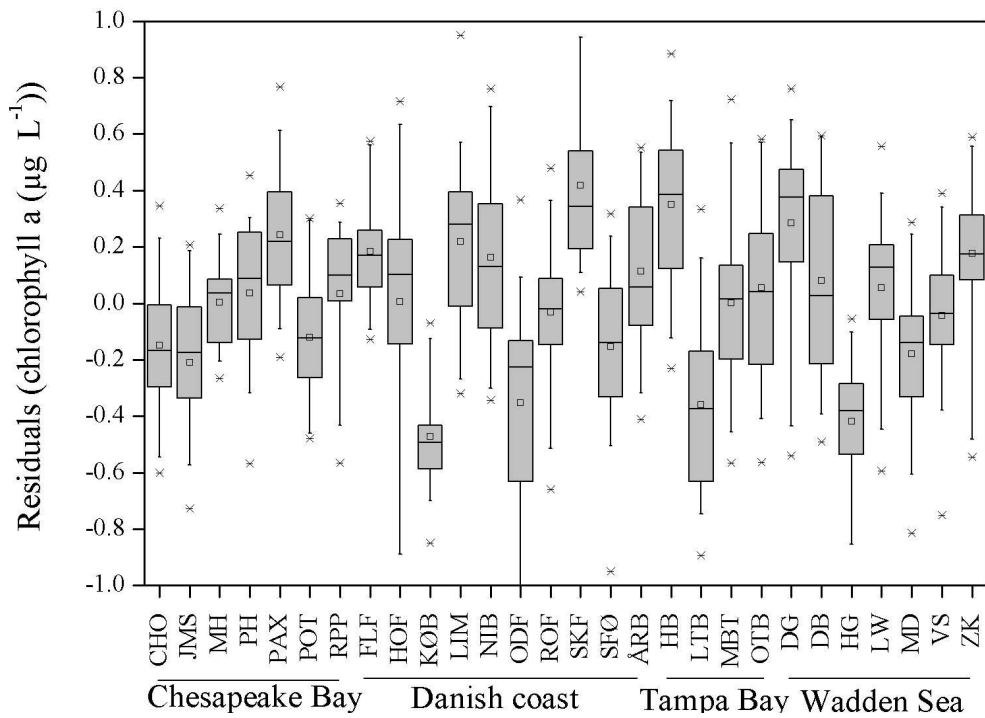
Summary: 3 pages, 2 figures

Figure S1: Box and whiskers plot for residuals from region-specific regression of log(Chla) vs. log(TN). Boxes show lower and upper quartiles with median (line) and mean (square) inside the box. Whiskers mark the 95% confidence intervals, crosses the 1st and 99th percentiles, and dash symbols show minimum and maximum values. For ecosystem abbreviations see Table 1.
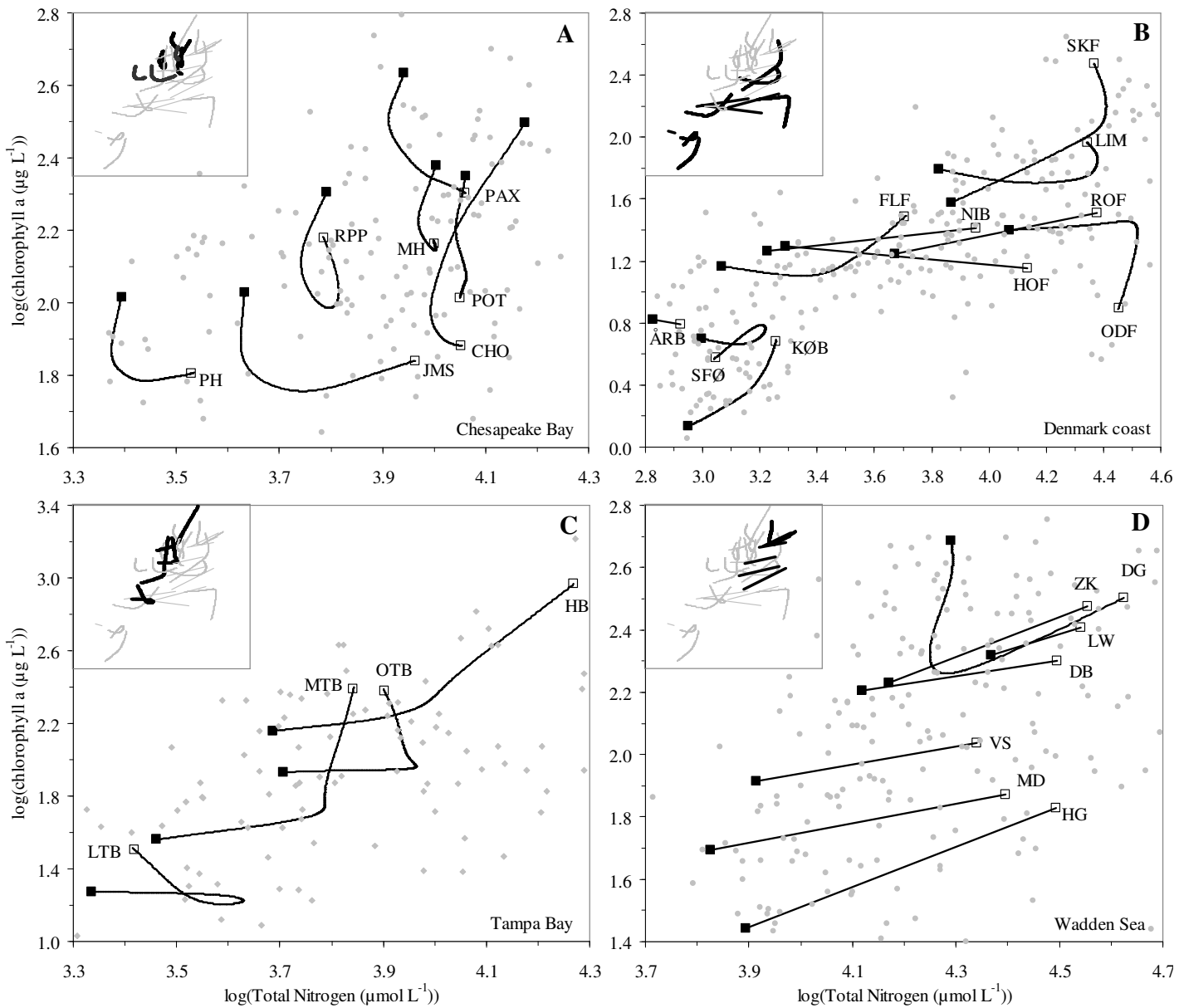
Fig. S2: Smoothed time trajectories, obtained by means of GAM, of the log(Chla) vs. log(TN) relationships for the 28 ecosystems representing the four regions. Open and filled symbols mark the start and end of the trajectories (ecosystem abbreviations, see Table 3, are listed with the starting point) and the annual means used for computing the trajectories are shown by gray dots. Inserts show the location of the region-specific trajectories (thick black lines, see also Fig. S2) compared to the trajectories from the other regions. Linear relationships are shown for ecosystems (n=10), where time departures from a stationary power relationship between Chla and TN was not significant (Table 3).