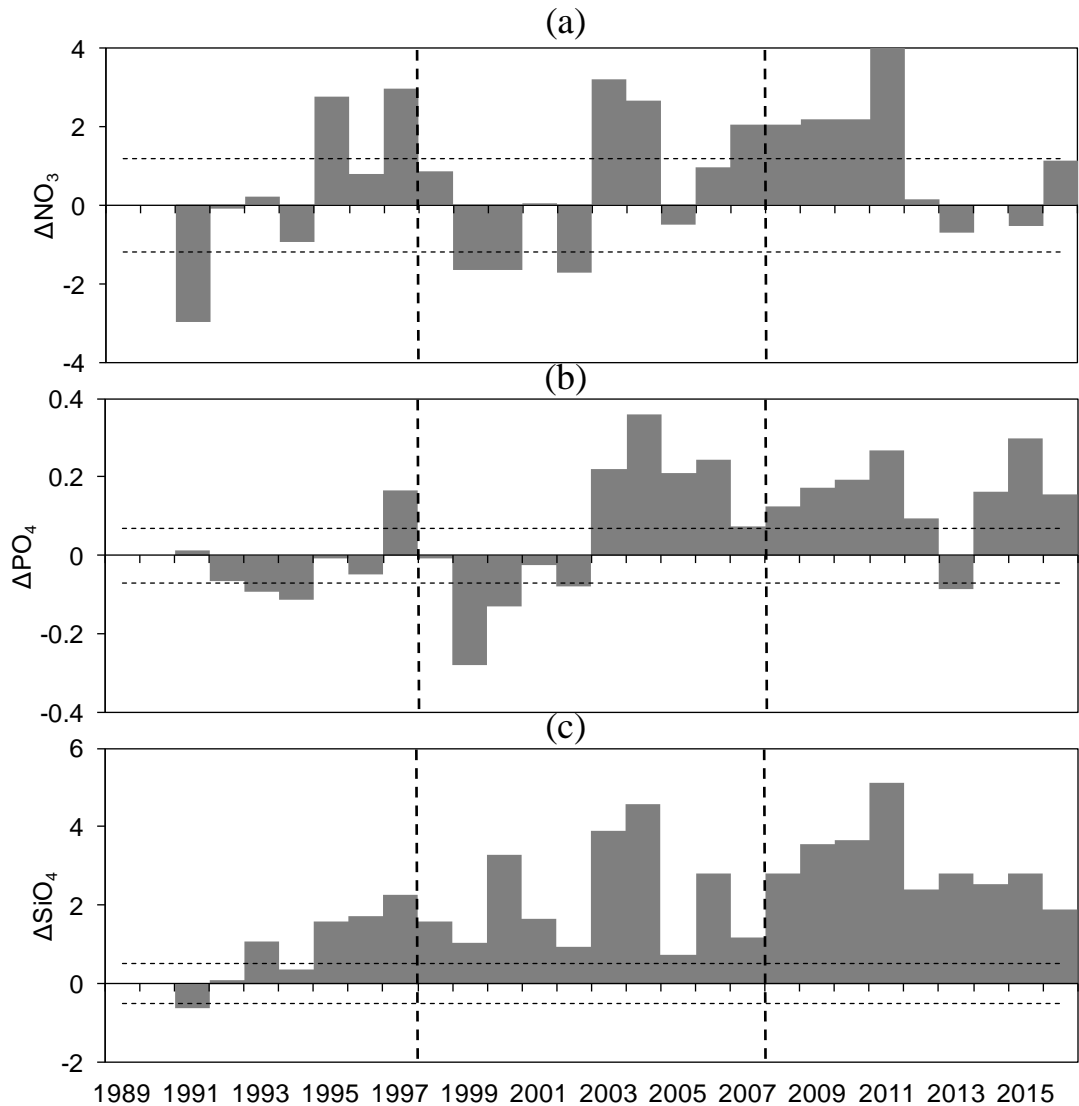


## Changes in phytoplankton production and upwelling intensity off A Coruña (NW Spain) for the last 28 yr

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Time series of annual anomalies in bottom water (70m) concentrations ( $\mu\text{M}$ ) of (a) nitrate ( $\Delta\text{NO}_3$ ), (b) phosphate ( $\Delta\text{PO}_4$ ) or (c) silicate ( $\Delta\text{SiO}_4$ ) from those expected from Eastern North Atlantic Central Waters (ENACW) during upwelling events (March to October). The horizontal dashed lines indicate  $\pm 1$  standard error of the estimation. The vertical dashed lines indicate the phases identified in Fig. 1. Expected ENACW nutrients computed from equations in Alvarez-Salgado et al. (2002).