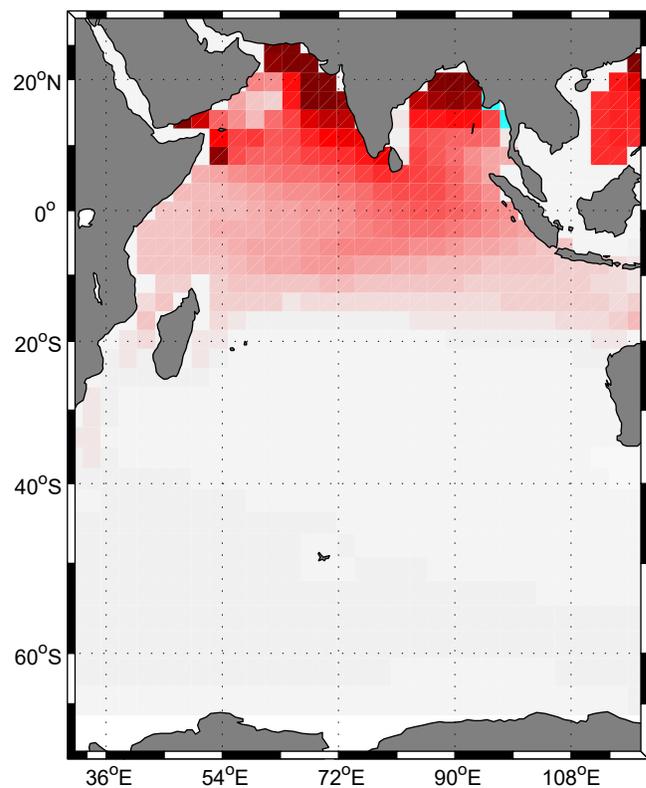
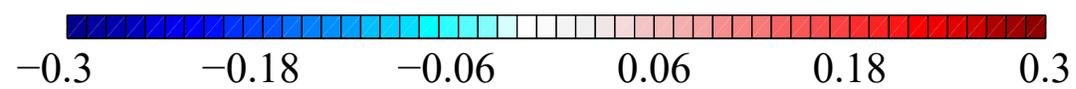
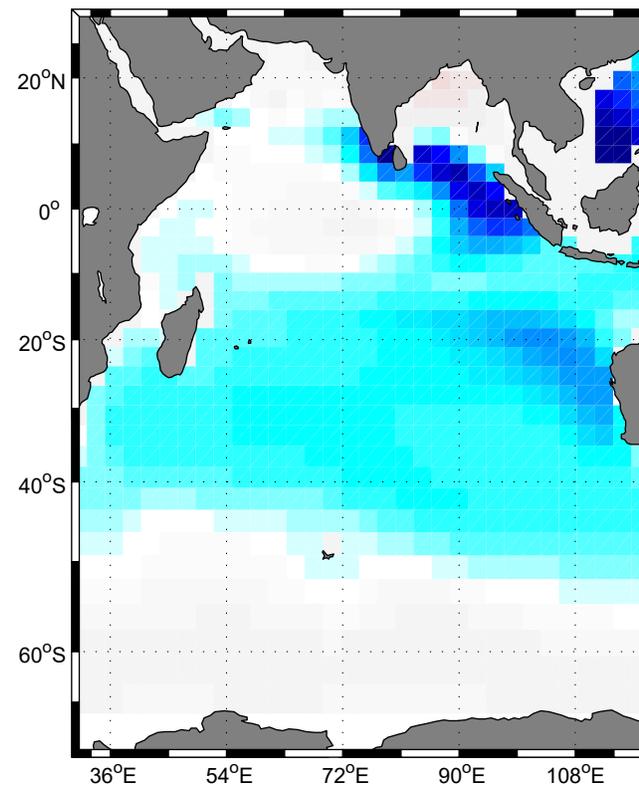
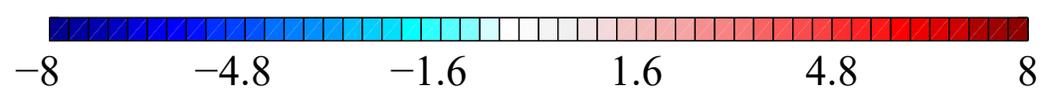
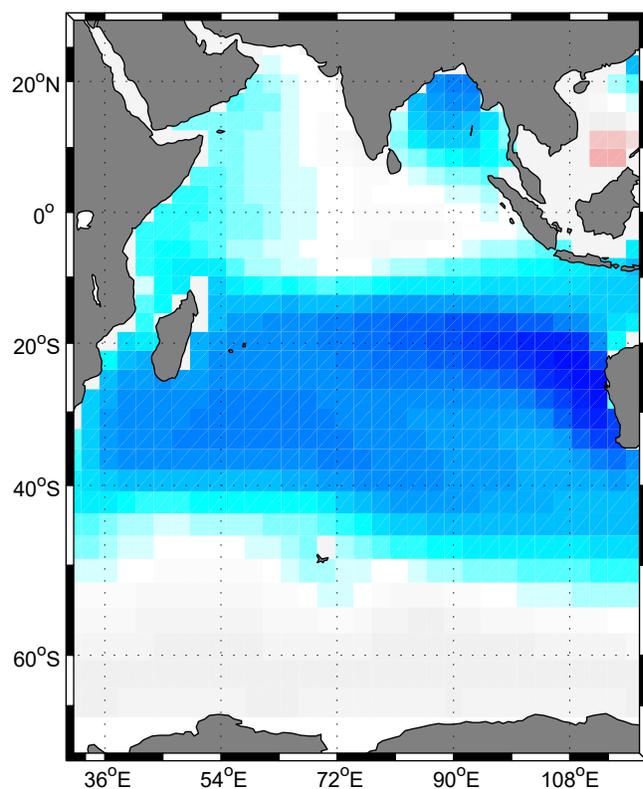
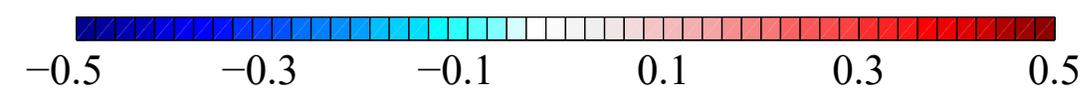
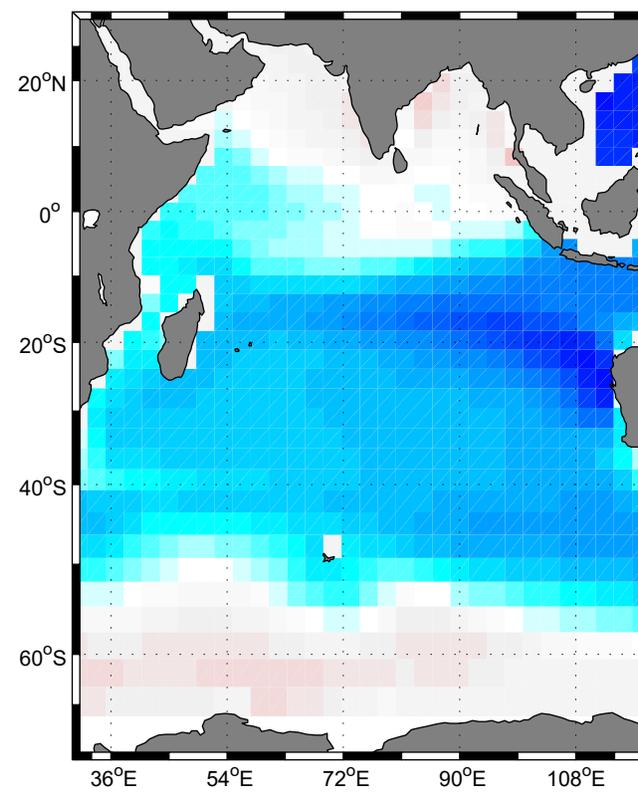


**a**

Model average Fe concentration anomaly, nM

**b**Model average  $\text{NO}_3^-$  concentration anomaly, mmol/m<sup>3</sup>**c**Model average  $\text{PO}_4^{3-}$  concentration anomaly, mmol/m<sup>3</sup>**d**Model average  $\text{SiO}_2$  concentration anomaly, mmol/m<sup>3</sup>