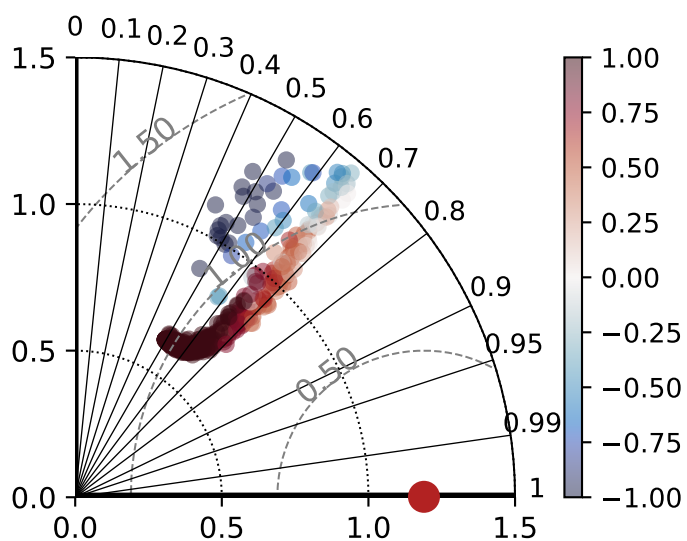
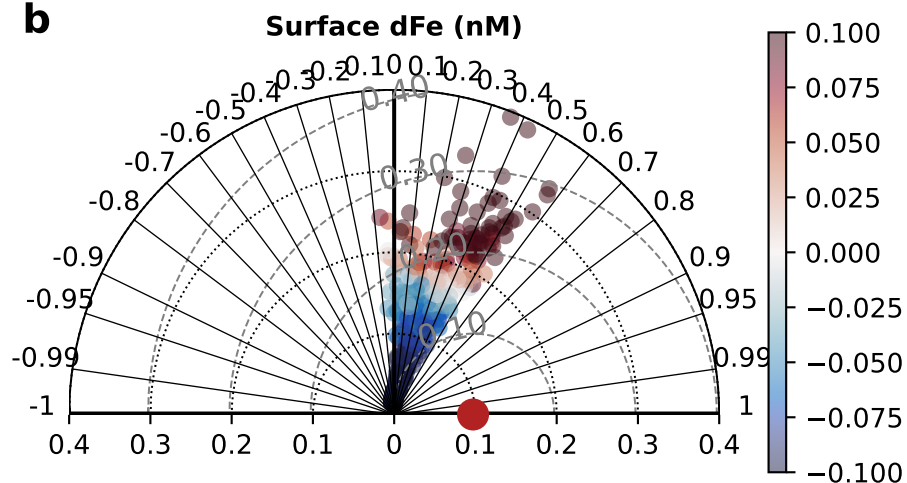


a Equatorial Surface NO_3 (μM)

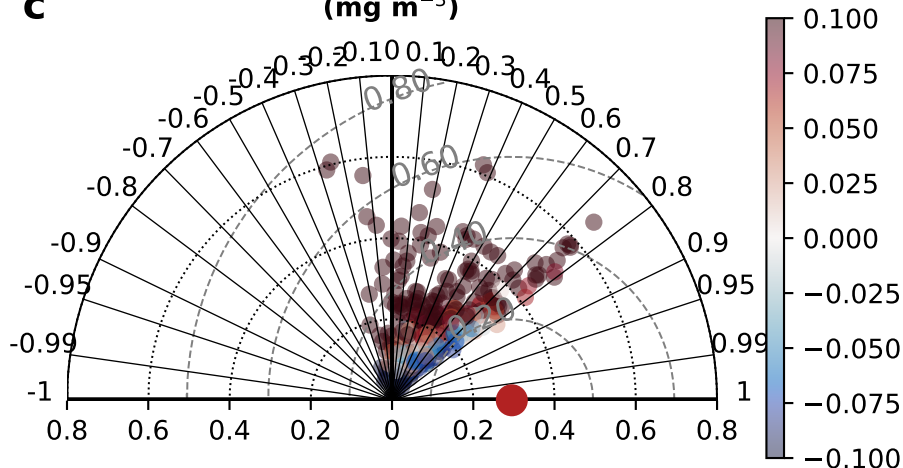


b



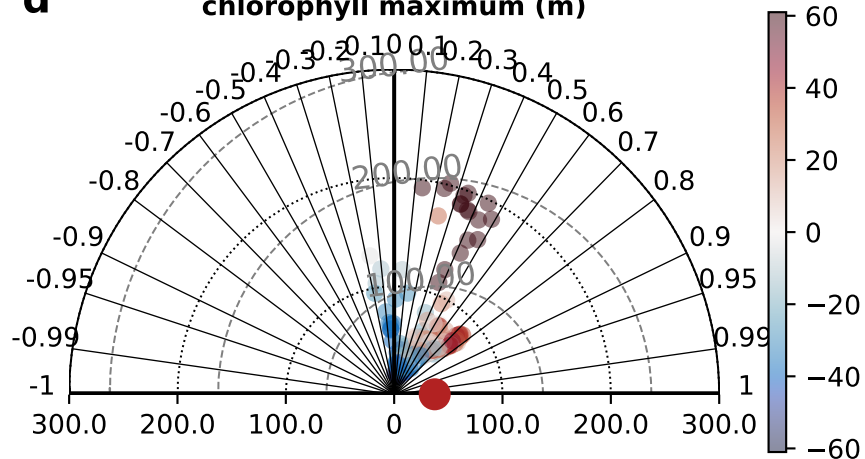
c

Surface chlorophyll
(mg m^{-3})

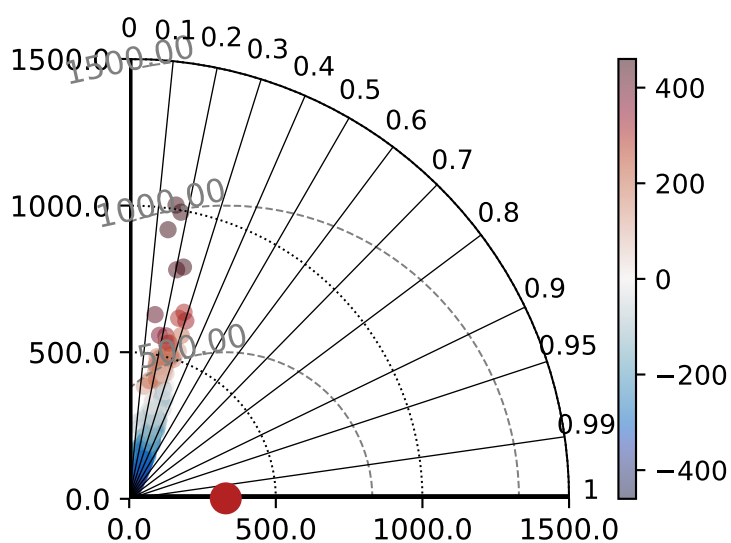


d

Depth of the
chlorophyll maximum (m)

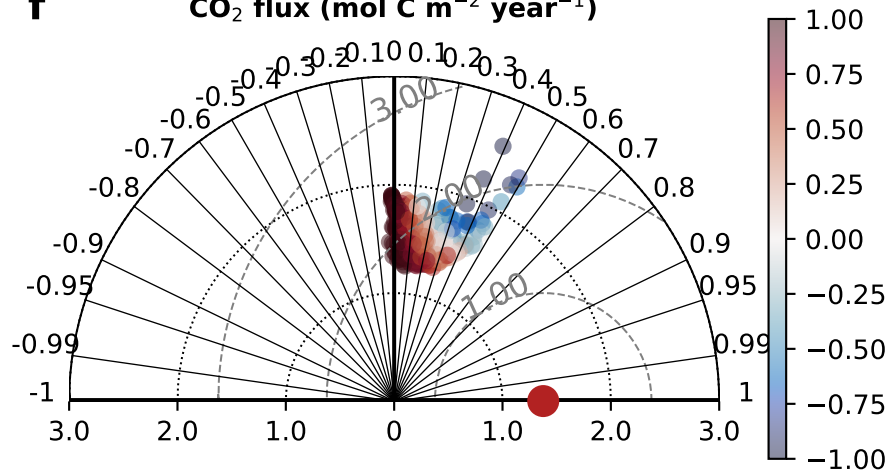


e Depth-integrated NPP
($\text{mg C m}^{-2} \text{ day}^{-1}$)

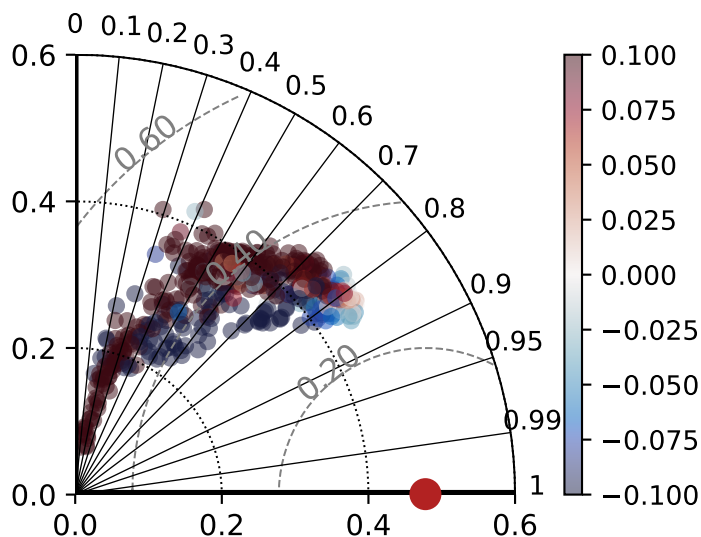


f

Southern Ocean air-sea
 CO_2 flux ($\text{mol C m}^{-2} \text{ year}^{-1}$)



g Primary limiting nutrient



h

Sinking detrital flux
($\text{mg C m}^{-2} \text{ day}^{-1}$)

