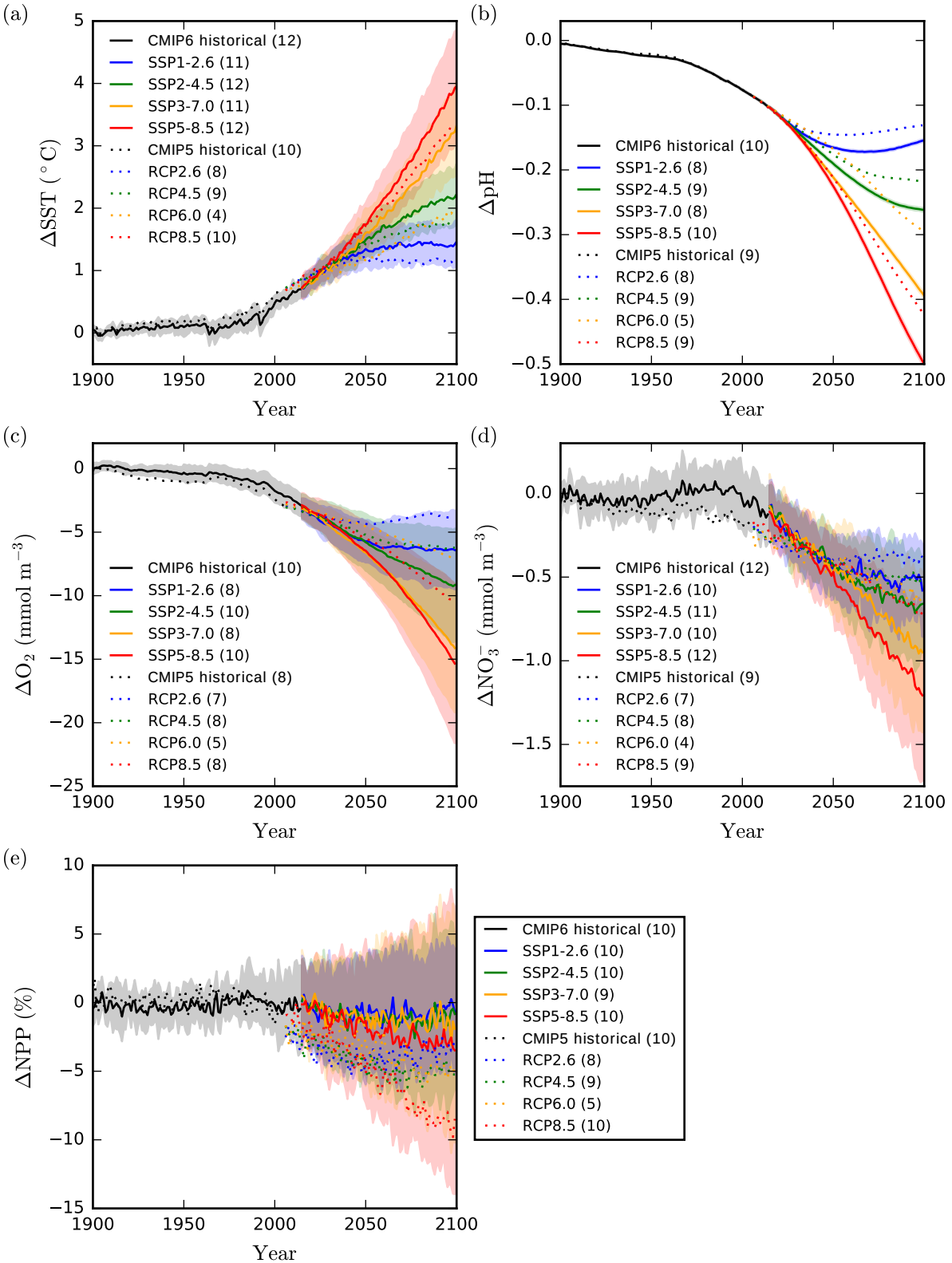
(a)
ΔSST (°C)
Year
CMIP6 historical (12)
SSP1-2.6 (11)
SSP2-4.5 (12)
SSP3-7.0 (11)
SSP5-8.5 (12)
CMIP5 historical (10)
RCP2.6 (8)
RCP4.5 (9)
RCP6.0 (4)
RCP8.5 (10)
(b)
ΔpH
Year
CMIP6 historical (10)
SSP1-2.6 (8)
SSP2-4.5 (9)
SSP3-7.0 (8)
SSP5-8.5 (10)
CMIP5 historical (9)
RCP2.6 (8)
RCP4.5 (9)
RCP6.0 (5)
RCP8.5 (9)
(c)
ΔO2 (mmol m−3)
Year
CMIP6 historical (10)
SSP1-2.6 (8)
SSP2-4.5 (10)
SSP3-7.0 (8)
SSP5-8.5 (10)
CMIP5 historical (8)
RCP2.6 (7)
RCP4.5 (8)
RCP6.0 (5)
RCP8.5 (8)
(d)
ΔNO3− (mmol m−3)
Year
CMIP6 historical (12)
SSP1-2.6 (10)
SSP2-4.5 (11)
SSP3-7.0 (10)
SSP5-8.5 (12)
CMIP5 historical (9)
RCP2.6 (7)
RCP4.5 (8)
RCP6.0 (4)
RCP8.5 (9)
(e)
ΔNPP (%)
Year
CMIP6 historical (10)
SSP1-2.6 (10)
SSP2-4.5 (10)
SSP3-7.0 (9)
SSP5-8.5 (10)
CMIP5 historical (10)
RCP2.6 (8)
RCP4.5 (9)
RCP6.0 (5)
RCP8.5 (10)