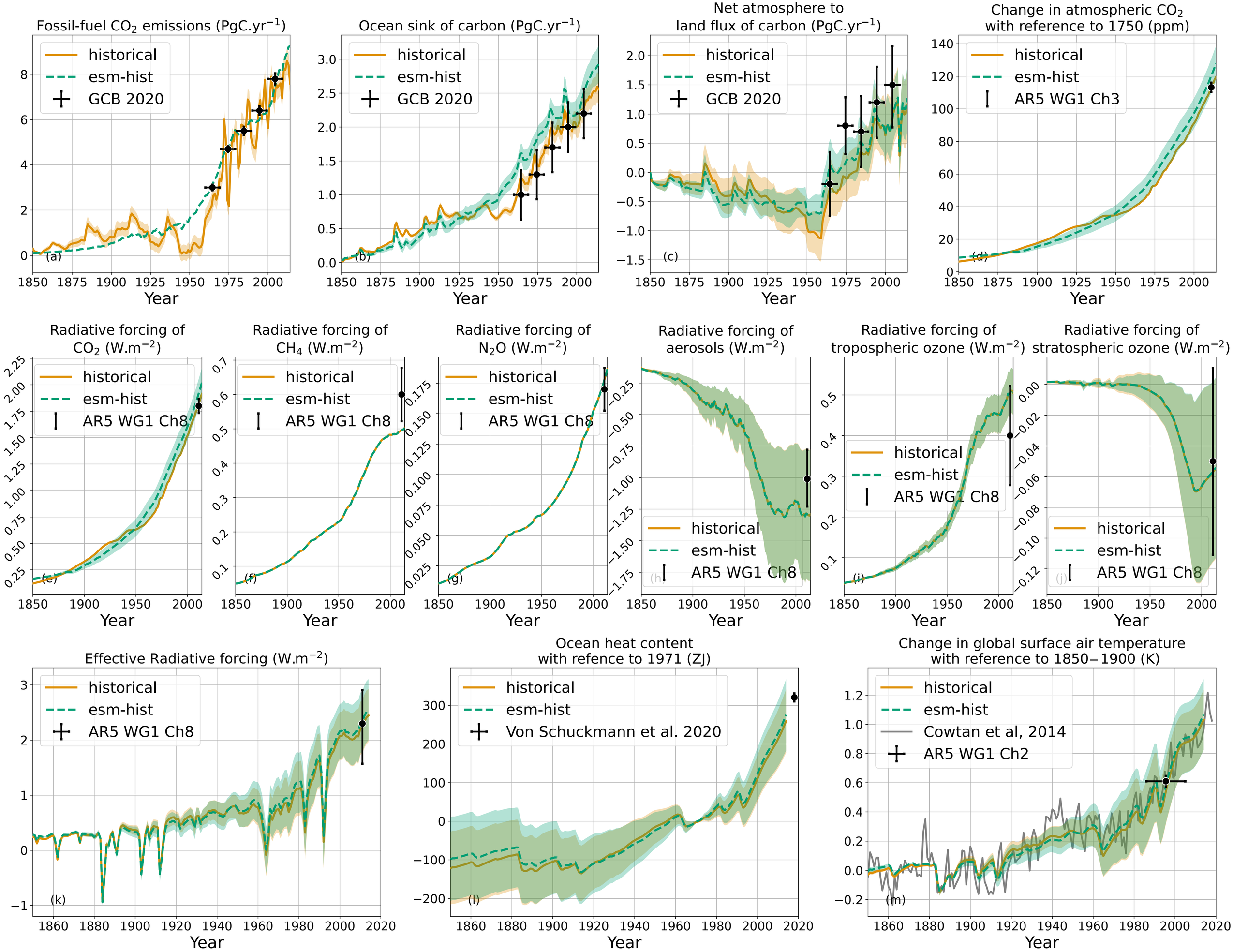
Fossil-fuel CO_2 emissions ($PgC.yr^{-1}$)
Ocean sink of carbon ($PgC.yr^{-1}$)
Net atmosphere to land flux of carbon ($PgC.yr^{-1}$)
Change in atmospheric CO_2 with reference to 1750 (ppm)
historical
esm-hist
GCB 2020
AR5 WG1 Ch3
(a)
(b)
(c)
(d)
Year
Radiative forcing of CO_2 ($W.m^{-2}$)
Radiative forcing of CH_4 ($W.m^{-2}$)
Radiative forcing of N_2O ($W.m^{-2}$)
Radiative forcing of aerosols ($W.m^{-2}$)
Radiative forcing of tropospheric ozone ($W.m^{-2}$)
Radiative forcing of stratospheric ozone ($W.m^{-2}$)
AR5 WG1 Ch8
(e)
(f)
(g)
(h)
(i)
(j)
Effective Radiative forcing ($W.m^{-2}$)
Ocean heat content with refence to 1971 (ZJ)
Change in global surface air temperature with reference to 1850−1900 (K)
Von Schuckmann et al. 2020
Cowtan et al, 2014
AR5 WG1 Ch2
(k)
(l)
(m)