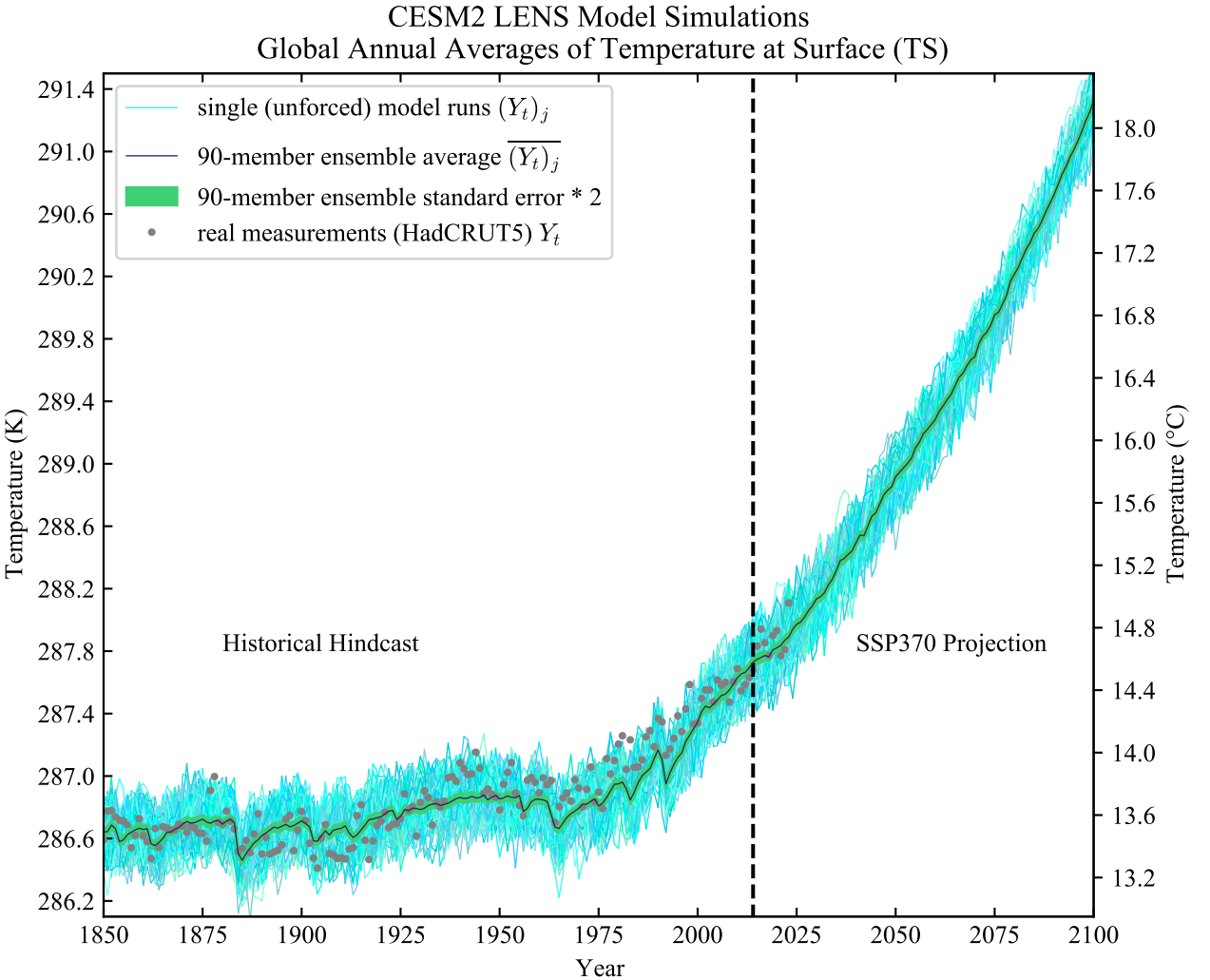
CESM2 LENS Model Simulations
Global Annual Averages of Temperature at Surface (TS)
single (unforced) model runs $(Y_t)_j$
90-member ensemble average $\overline{(Y_t)_j}$
90-member ensemble standard error * 2
real measurements (HadCRUT5) Y_t
Historical Hindcast
SSP370 Projection
Temperature (K)
Temperature (°C)
Year
291.4
291.0
290.6
290.2
289.8
289.4
289.0
288.6
288.2
287.8
287.4
287.0
286.6
286.2
18.0
17.6
17.2
16.8
16.4
16.0
15.6
15.2
14.8
14.4
14.0
13.6
13.2
1850
1875
1900
1925
1950
1975
2000
2025
2050
2075
2100