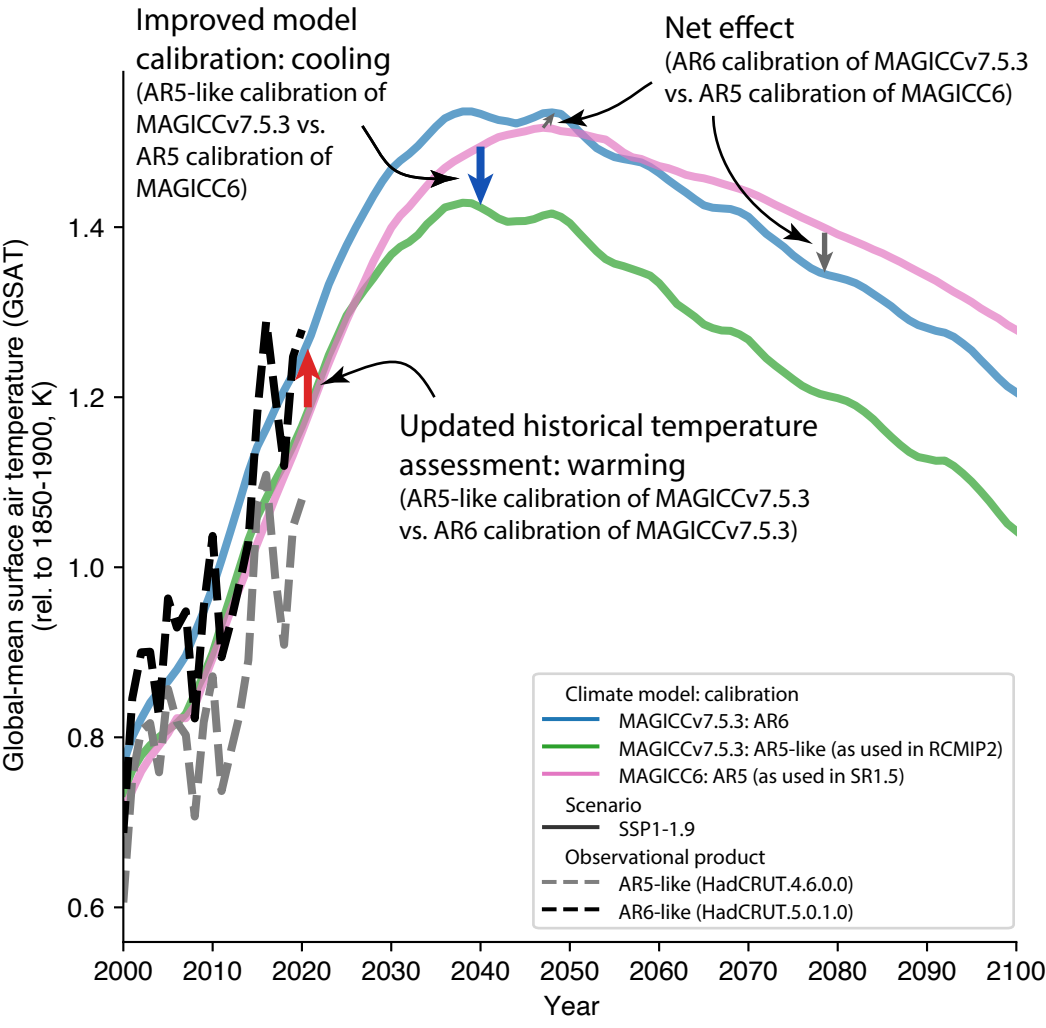
Improved model calibration: cooling
(AR5-like calibration of MAGICCv7.5.3 vs. AR5 calibration of MAGICC6)
Net effect
(AR6 calibration of MAGICCv7.5.3 vs. AR5 calibration of MAGICC6)
Updated historical temperature assessment: warming
(AR5-like calibration of MAGICCv7.5.3 vs. AR6 calibration of MAGICCv7.5.3)
Global-mean surface air temperature (GSAT) (rel. to 1850-1900, K)
1.4
1.2
1.0
0.8
0.6
2000
2010
2020
2030
2040
2050
2060
2070
2080
2090
2100
Year
Climate model: calibration
MAGICCv7.5.3: AR6
MAGICCv7.5.3: AR5-like (as used in RCMIP2)
MAGICC6: AR5 (as used in SR1.5)
Scenario
SSP1-1.9
Observational product
AR5-like (HadCRUT.4.6.0.0)
AR6-like (HadCRUT.5.0.1.0)