

Supplementary Material for “Consequential Differences in Satellite-Era Sea Surface Temperature Trends Across Datasets”

S. Menemenlis, G. A. Vecchi, W. Yang, S. Fueglistaler, S. P. Raghuraman

November 2024

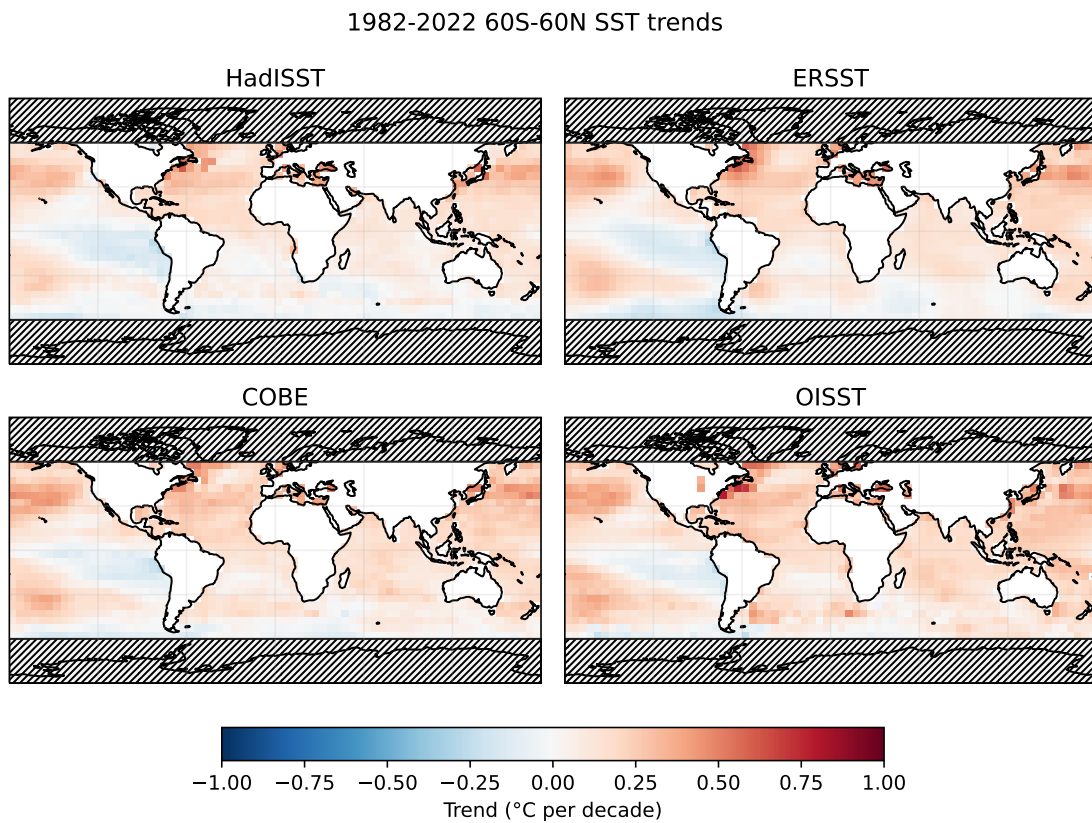


Figure S 1: 1982-2022 SST trends in HadISST1, ERSSTv5, COBE2, and OISSTv2.1.

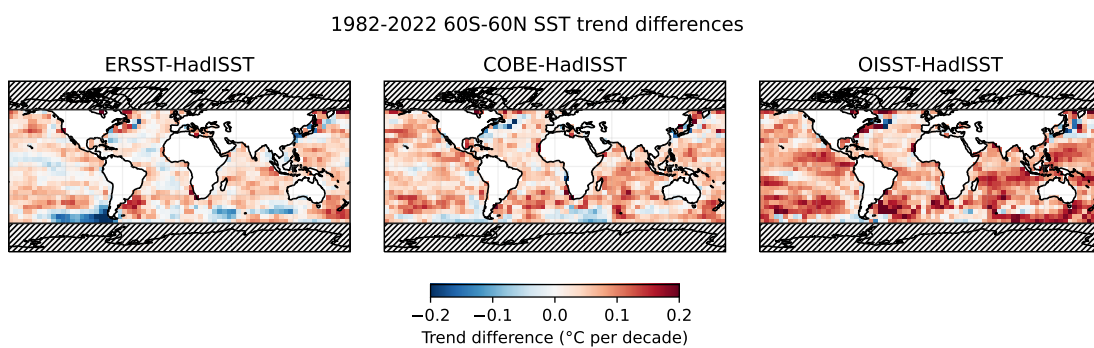


Figure S 2: Differences in 1982-2022 SST trends between ERSSTv5, COBE2, OISSTv2.1, and HadISST1.

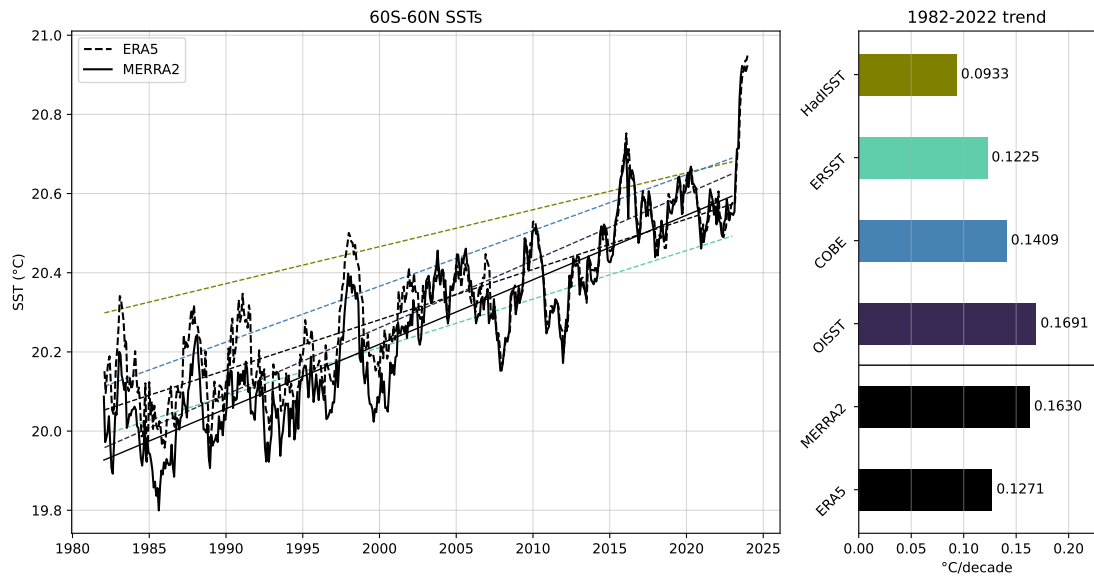


Figure S 3: Similar to Figure 1 in the main text, but including the timeseries and trendlines of MERRA2 and ERA5, and the trendlines from the datasets depicted in Figure 1 shown as dashed colored lines.

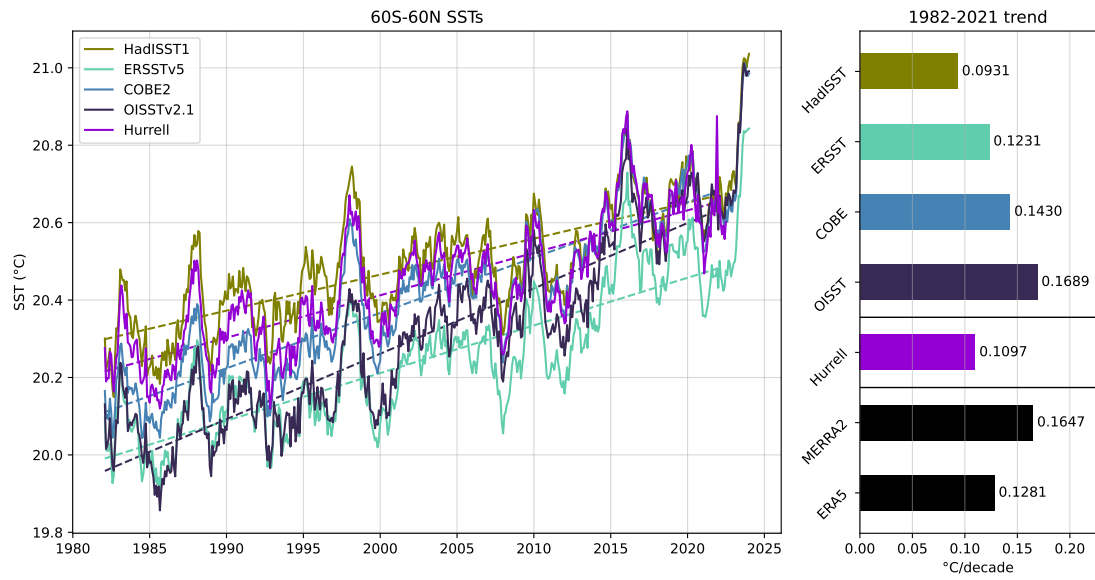


Figure S 4: Similar to Figure 1 in the main text, but including the Hurrell SSTs, shown in purple, and considering trends during the period 1982-2021 (since the year 2022 is not yet available for the Hurrell dataset).