Figure (a) shows the time series of water vapor (H₂O) from 1980 to 2020, with data from various models such as CMAM, EMAC-L90MA, WACCM, CCM SOCOLv3, and Aura/MLS. The data is plotted against the solar F10.7 index.

Figure (b) displays the time series of carbon monoxide (CO) from 1980 to 2020, with similar models and solar F10.7 index used for comparison.