HMA multimodel ensemble trends versus bias (1979-2014) **Near-Surface Air Temperature Snow Cover Extent Total Precipitation** 0.2 APHRODITE CRU NOAA CDR 1.4 **ERA-Interim ERA-Interim ERA-Interim** ERA5 ERA5 ERA5 0.15 1.2 -**GPCP** pr trend [mm/day/dec] tas trend [°C/dec] snc trend [%/dec] 0.1 0.8 **DJFMA** 0.05 -3 0.4 0.2 -4 а b -0.05 --5 40 20 -10 -5 -20 0 2 3 0.2 CRU NOAA CDR **APHRODITE** 1.4 ERA-Interim **ERA-Interim ERA-Interim** ERA5 ERA5 ERA5 0.15 -1.2 **GPCP** pr trend [mm/day/dec] tas trend [°C/dec] snc trend [%/dec] 0.1 **JJAS** -2-0.05 -3 0.4 0.2 -4 d е -0.05 -20 40 -10 -5 0 -20 0 2 3 tas bias [°C] snc bias [%] pr bias [mm/day]