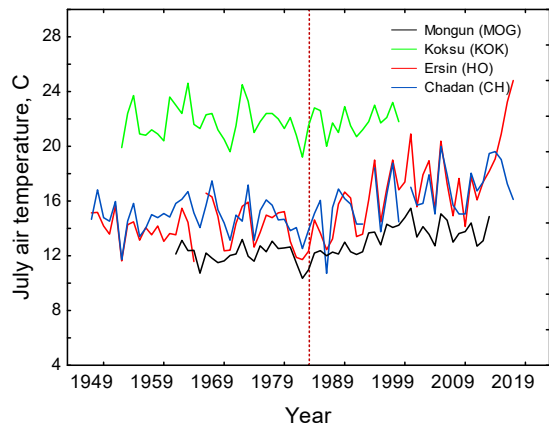
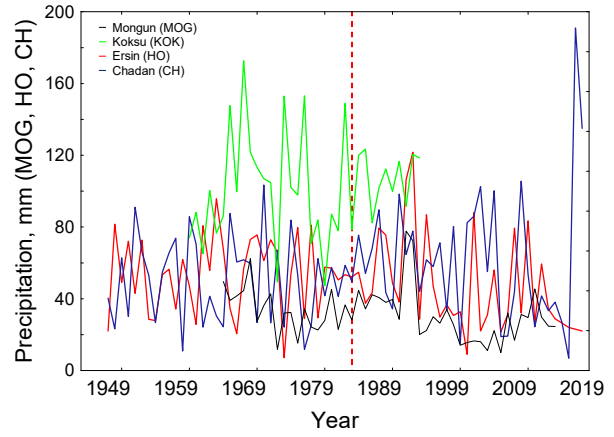




(a)



(b)

Figure S1. July air temperature (a) and July precipitation (b) data sets available from the local weather stations: Mugur-Aksi Mongun (MOG), Ak-kem for Koksui (KOK), Ersin for Ersin (HO) and Chadan for Chadan (CH) (see Table 1) study sites. A vertical red dotted line in 1985 indicates start of temperature and precipitation changes with the extremes during single years over the reference period 1949 - 2019.