

## **SUPPLEMENTARY FIGURE CAPTION LIST**

Fig. S1: Seasonal mean precipitation for the 1952-1986 and 1987-2021 periods and absolute change between periods. On the left, the mean and relative importance of precipitation change

Fig. S2: Seasonal mean number of rainy days ( $\geq 1$  mm) for the 1952-1986 and 1987-2021 periods, and absolute change between periods. On the left, the mean and relative importance of the change in the number of rainy days

Fig. S3: Significant trends, annual slopes (mm) and relative (%) slopes for the annual amounts of daily rainfall recorded between the  $\geq 50$ th and  $< 95$ th percentiles for the 1952-2021 period. Top images, using all the stations. Bottom images, the same analysis, but using only the stations with more than 40 years of real observed data

Fig. S4: The 20th and 80th percentiles SPEI daily values on the 3-month time scale for the 35- year periods (1952-1986 and 1987-2021) and the absolute change between both periods

Fig. S5: The 20th and 80th percentiles SPEI values on the 12-month time scale for the 35-year periods (1952-1986 and 1987-2021) and the absolute change between both periods

Fig. S6: The 20th and 80th percentiles SPEI values on the 36-month time scale for the 35-year periods (1952-1986 and 1987-2021) and the absolute change between both periods

Fig. S7: Significant trends and absolute change in the SPEI values on the 3- (upper side), 12- (center) and 36- (lower) month time scales for the 1952-2021 period

Fig. S8: Time series of the average daily SPEI values on the 3-month time scale for the 1952-2021 period and all the CHT, CHJ, CHE and CHG weather stations