

Evolution and Trends of Meteorological Drought and Wet Events over the Republic of Djibouti from 1961 to 2021

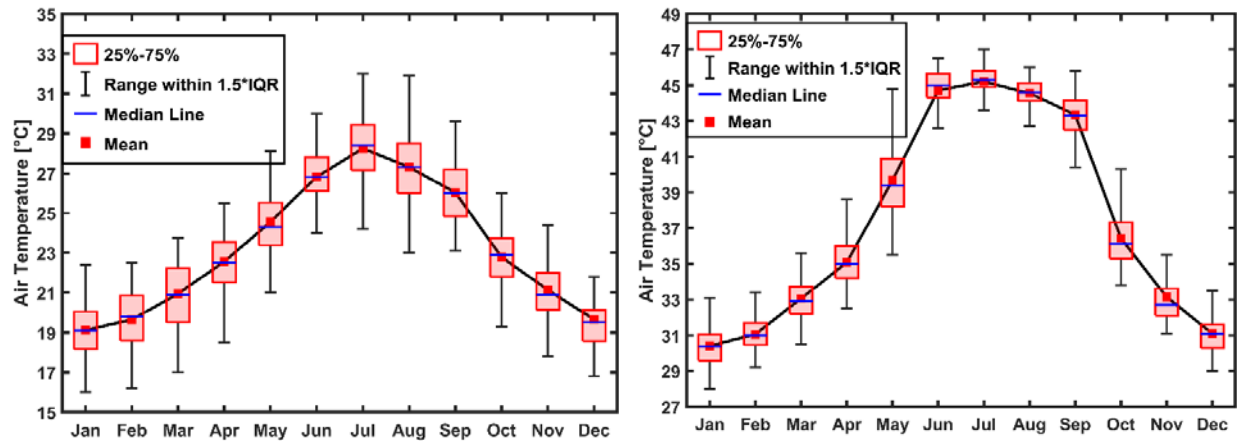
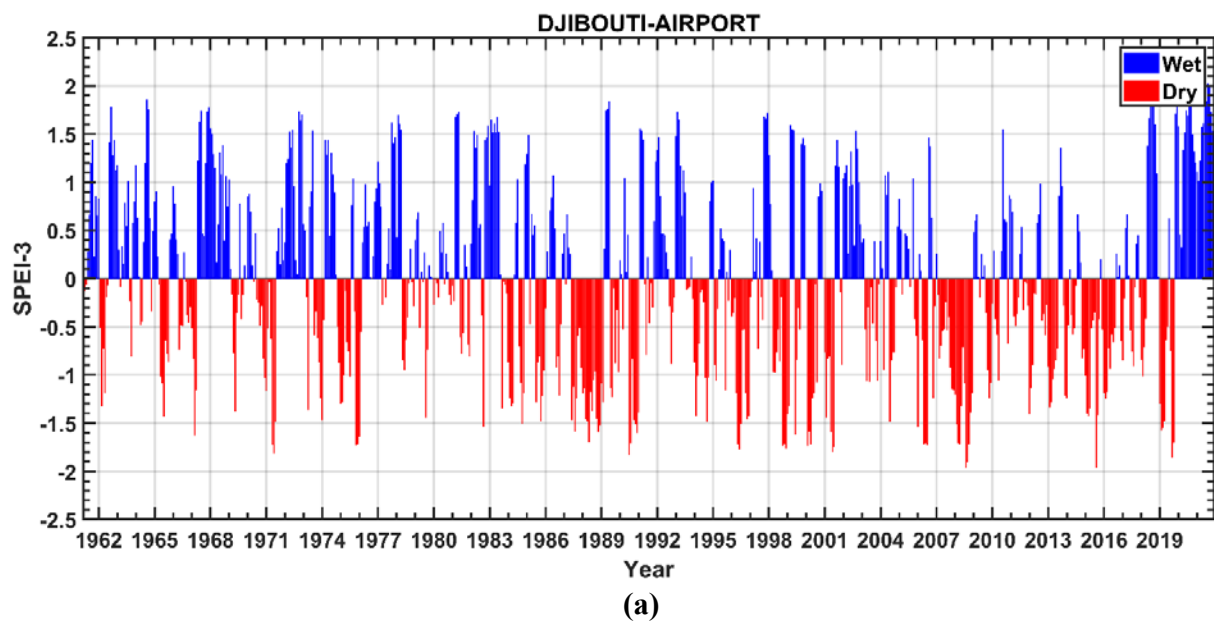
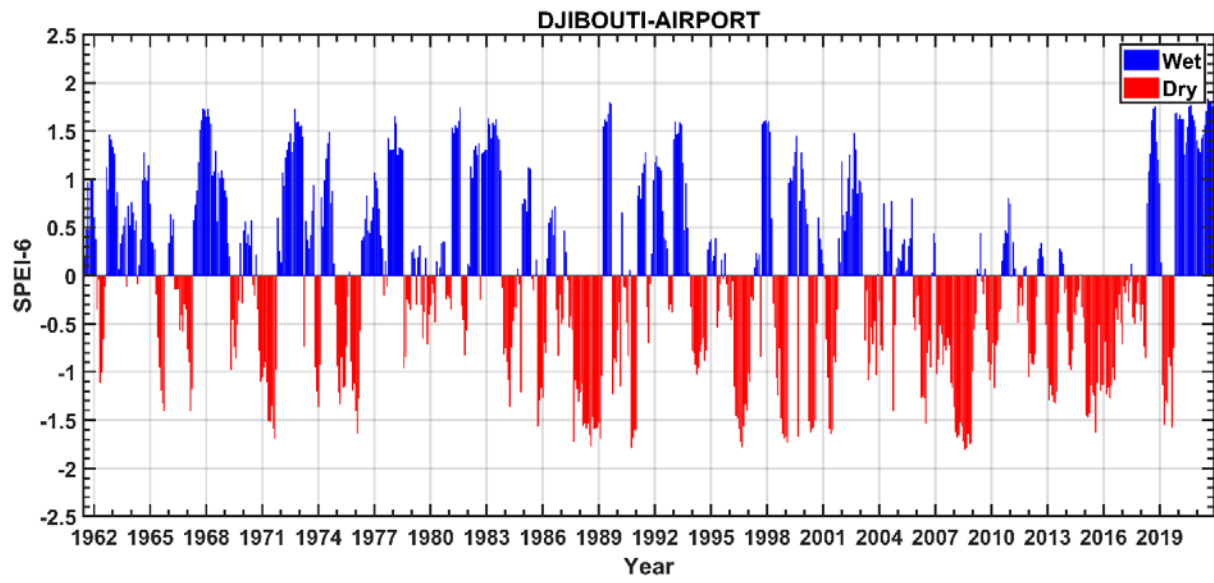
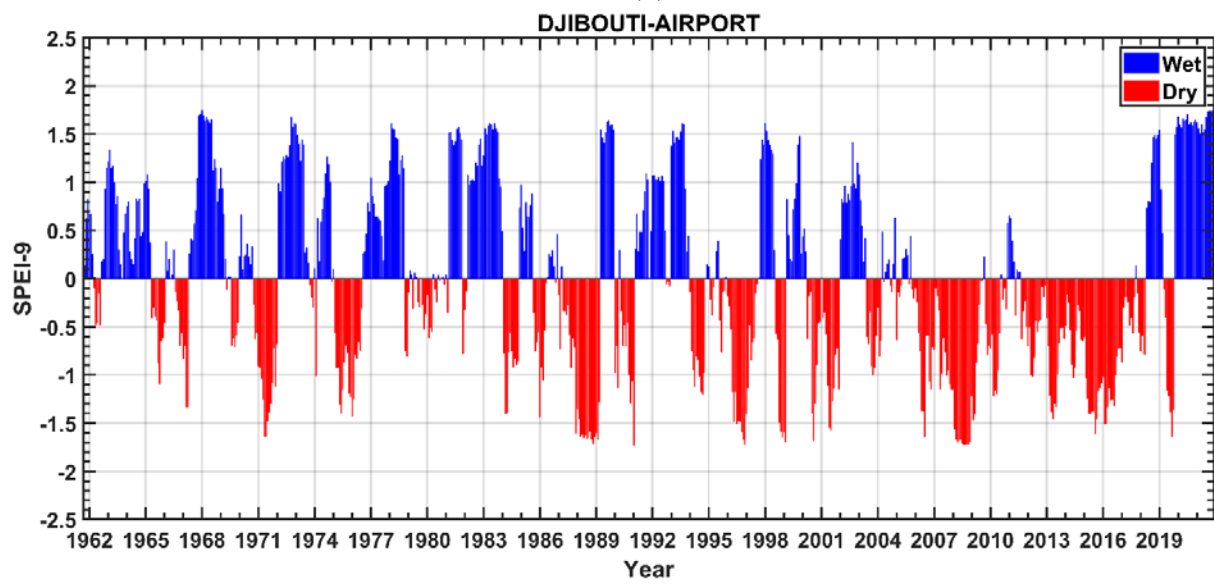


Figure S1: Minimum (a) and maximum (b) mean air temperature at the airport-station during 1961-2021 at the airport station.





(b)



(c)

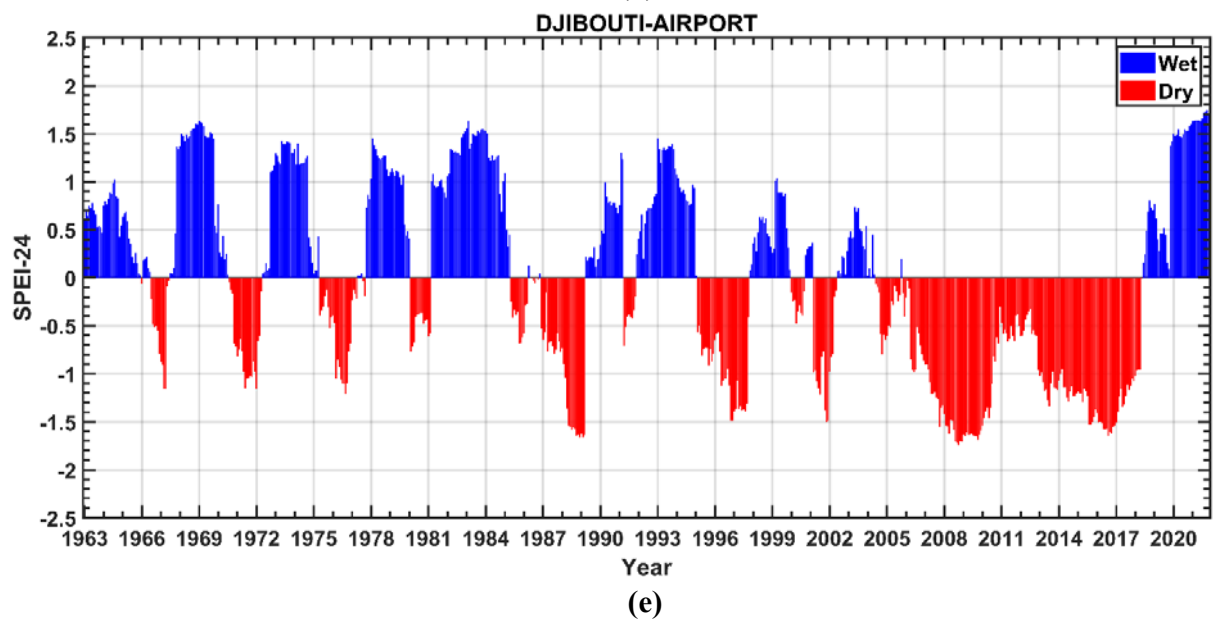
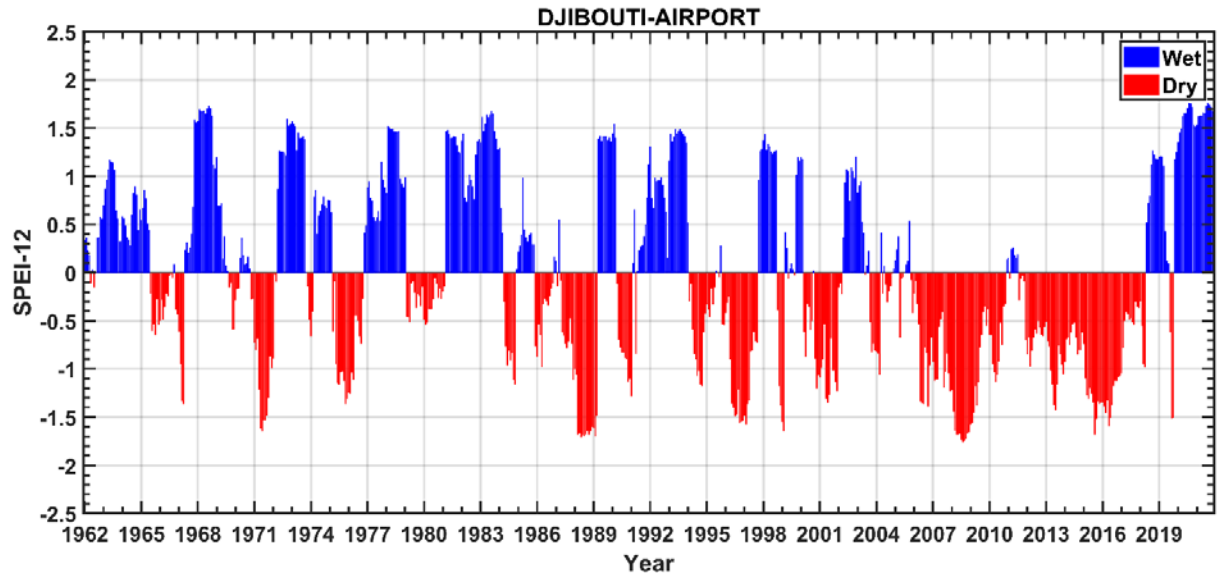
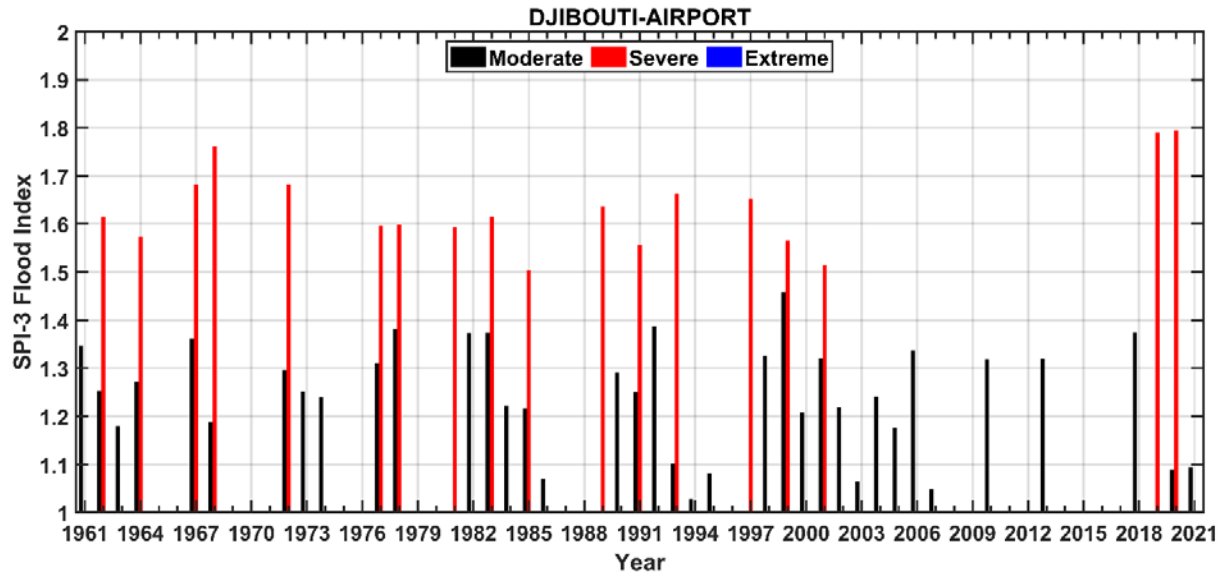
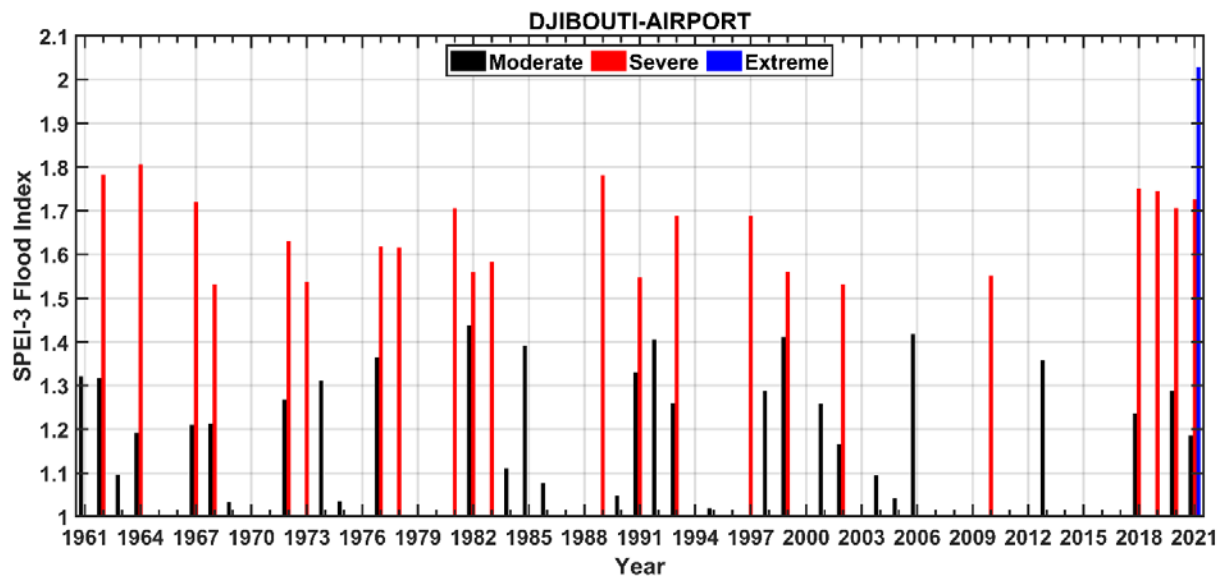


Figure S2. Temporal variation of dry events (red color) and wet event (blue color) for SPEI short-term and long-term during the period 1961–2021: (a) SPEI-3, (b) SPEI-6, (c) SPEI-9, (d) SPEI-12 and (e) SPEI-24.



(a)



(a)

Figure S3: Temporal variation of SPI-3 (a) and SPEI-3 (b) for moderate, severe, and extreme weat events at Djibouti-airport from 1961 to 2021, as presented in Figure 7.

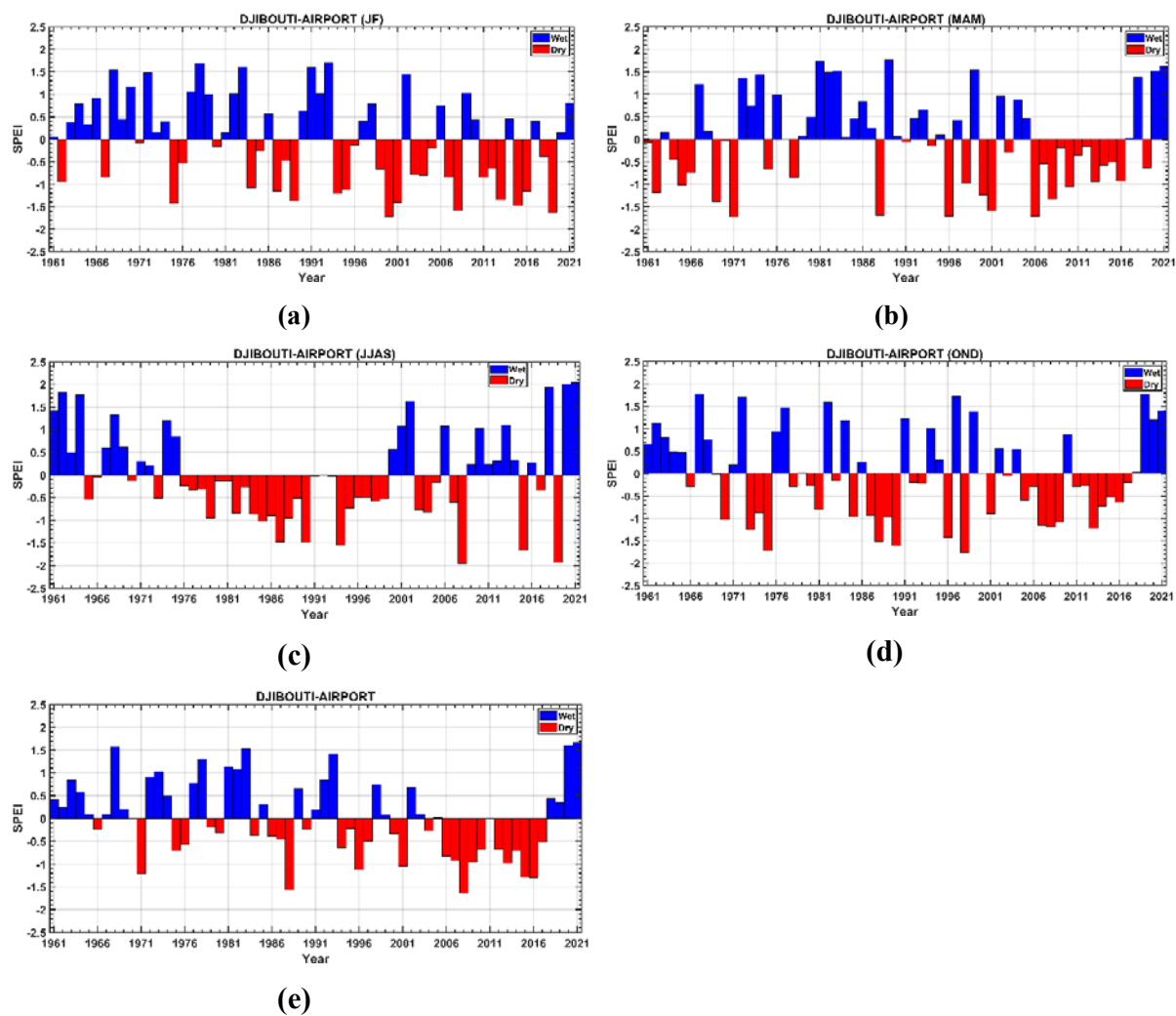
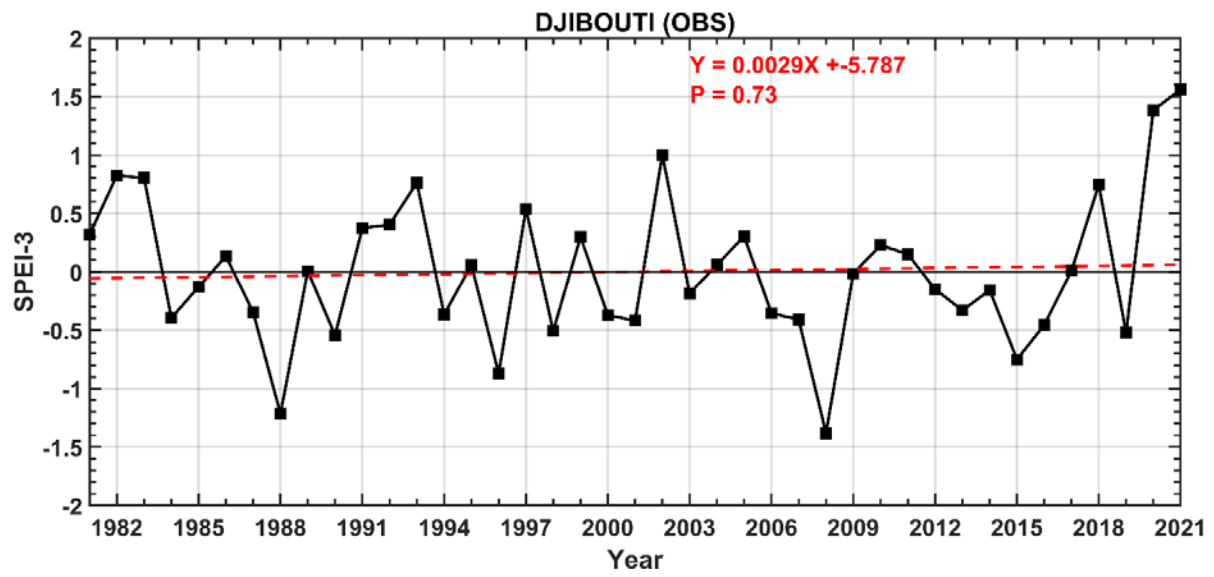
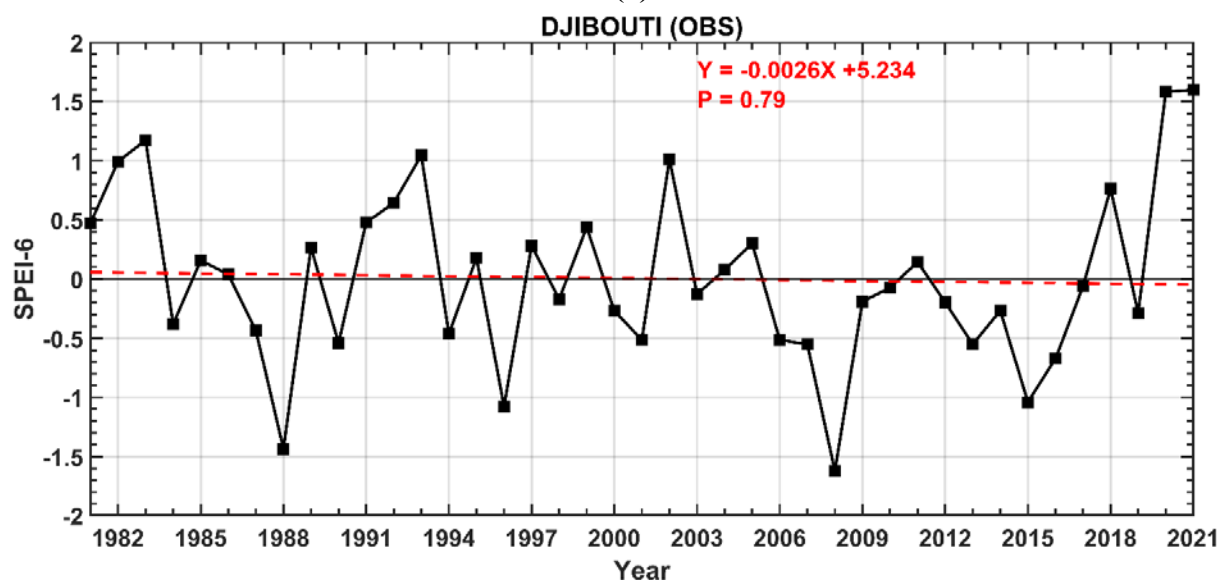


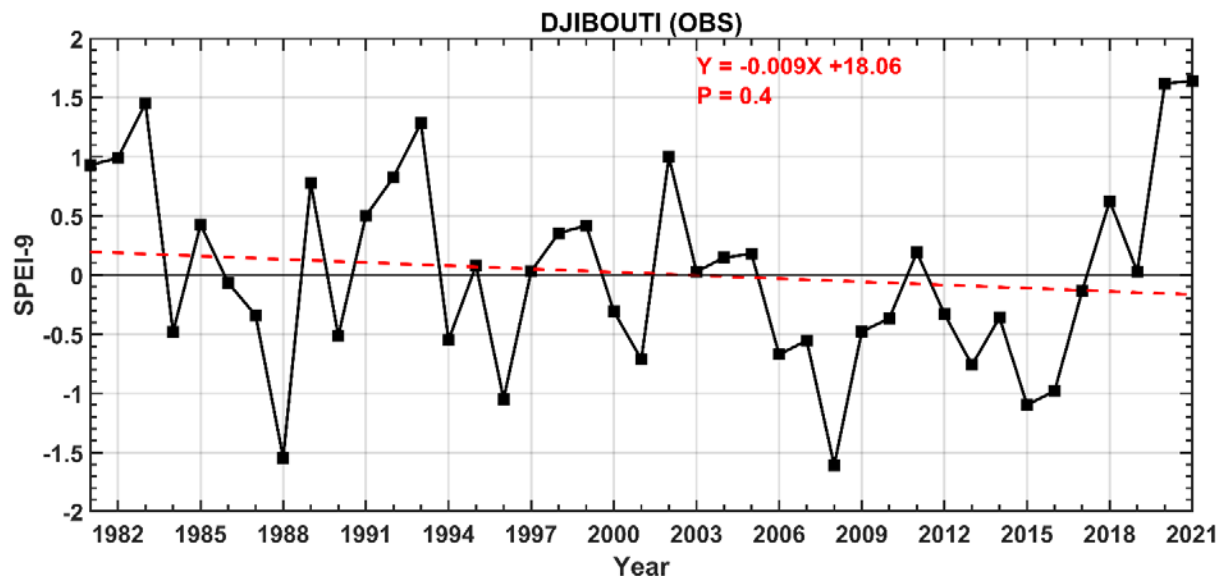
Figure S4. Seasonal (a) JF, (b) MAM, (c) JJAS, (d) OND and (e) annual variability of the SPEI index over the period 1961-2021 at the Djibouti Airport station.



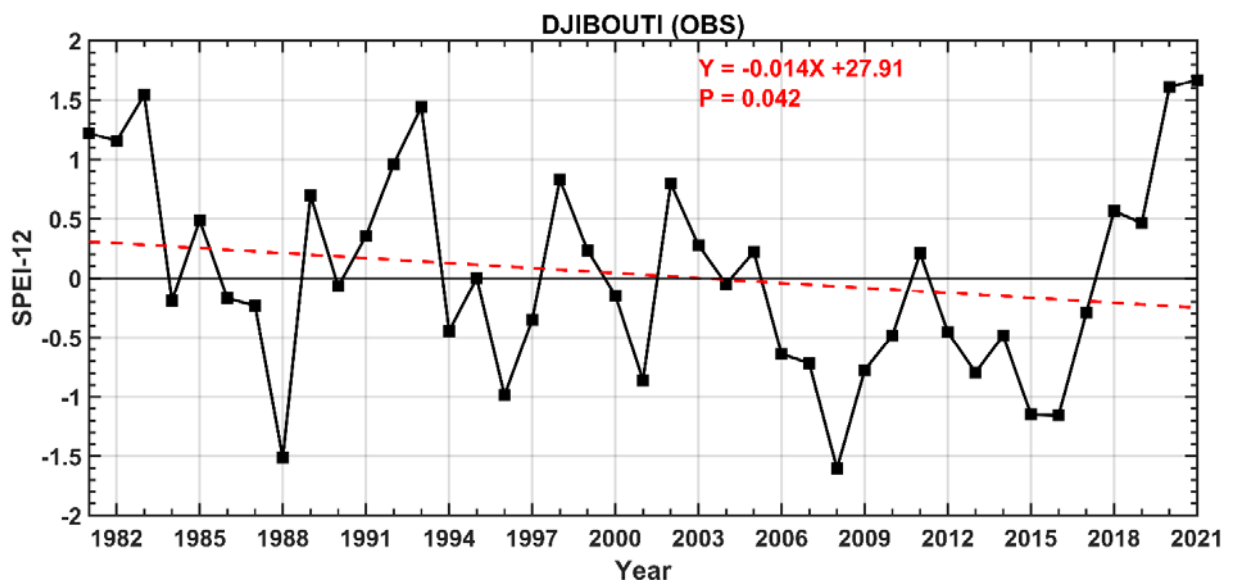
(a)



(b)



(c)



(d)

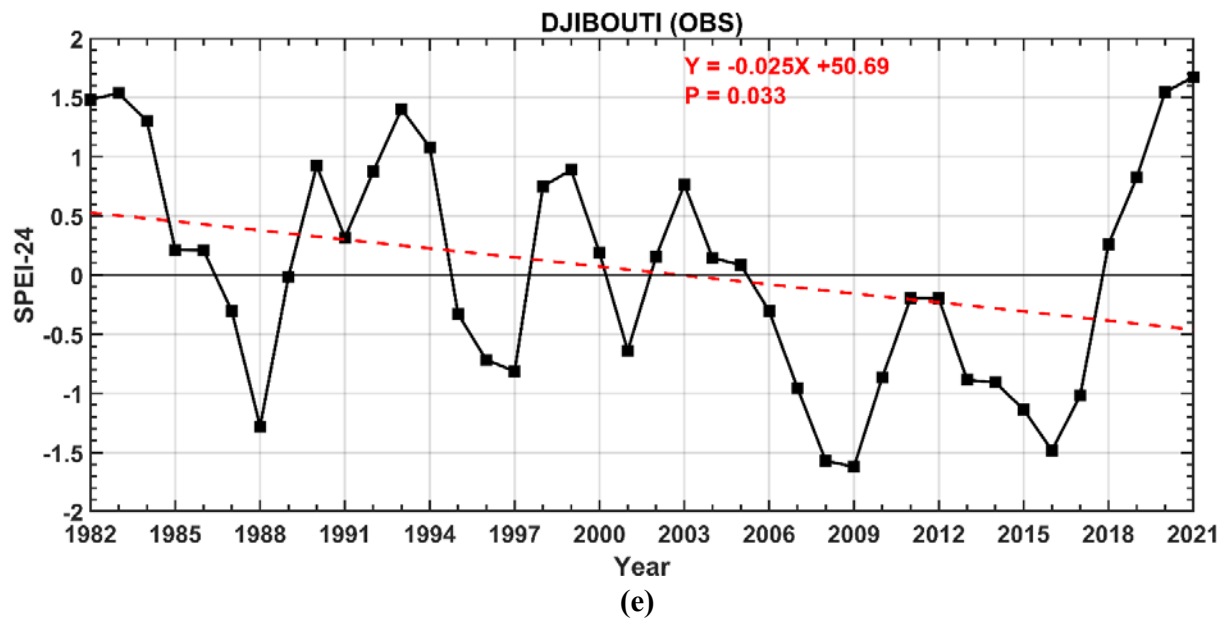


Figure S5. Interannual variations and linear trends of the annual mean of the SPEI (3, 6, 9, 12 and 24 months) indices at the Djibouti-airport observation data during 1981-2021.