

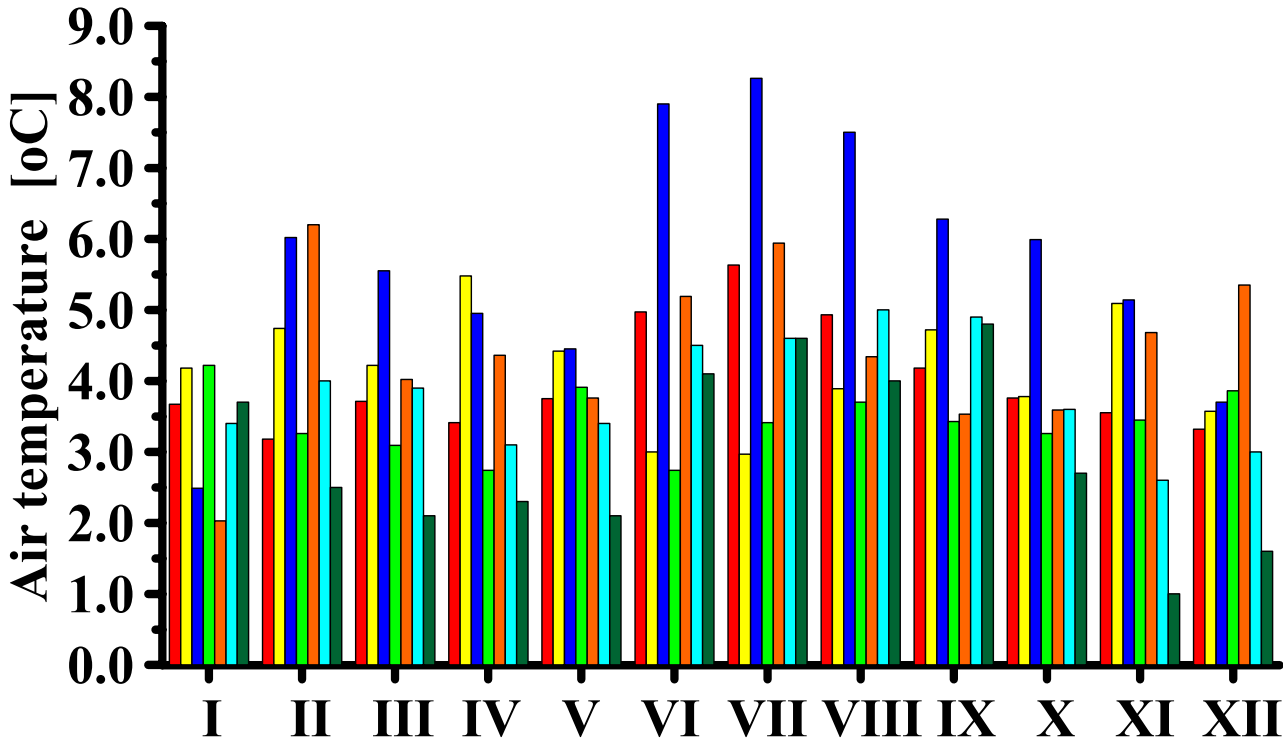
Bulgaria

Climate change projections

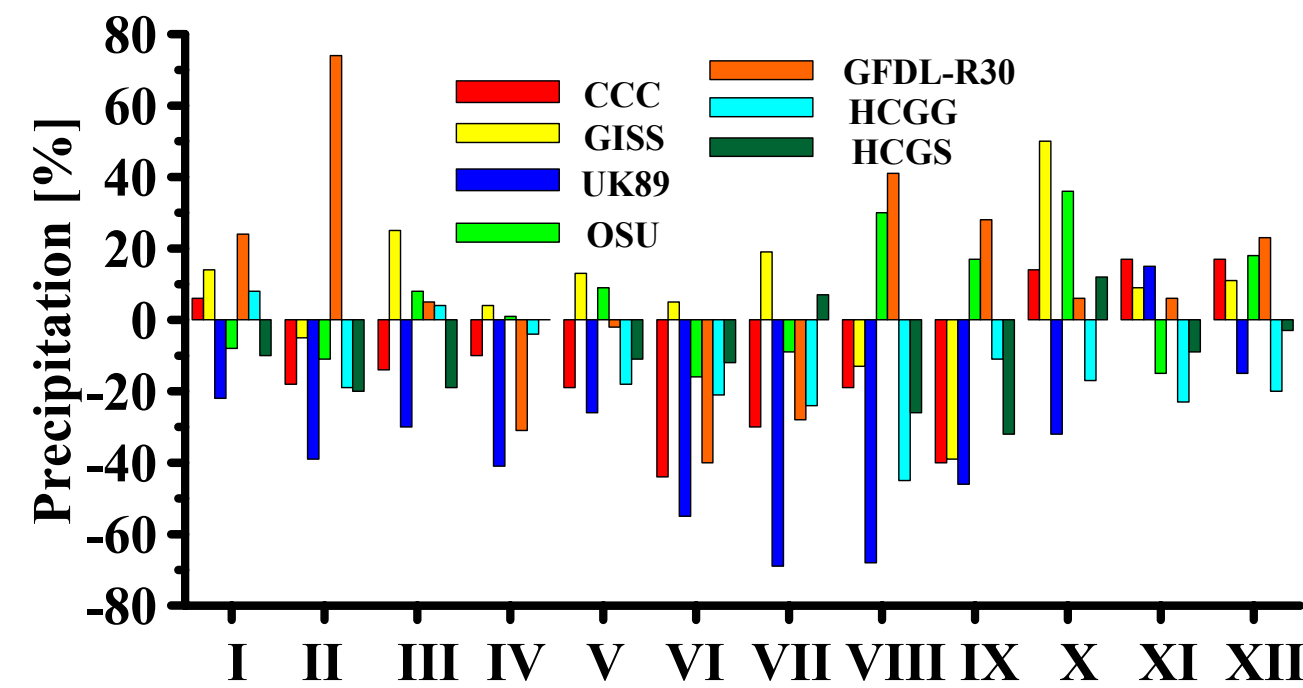
V.Alexandrov



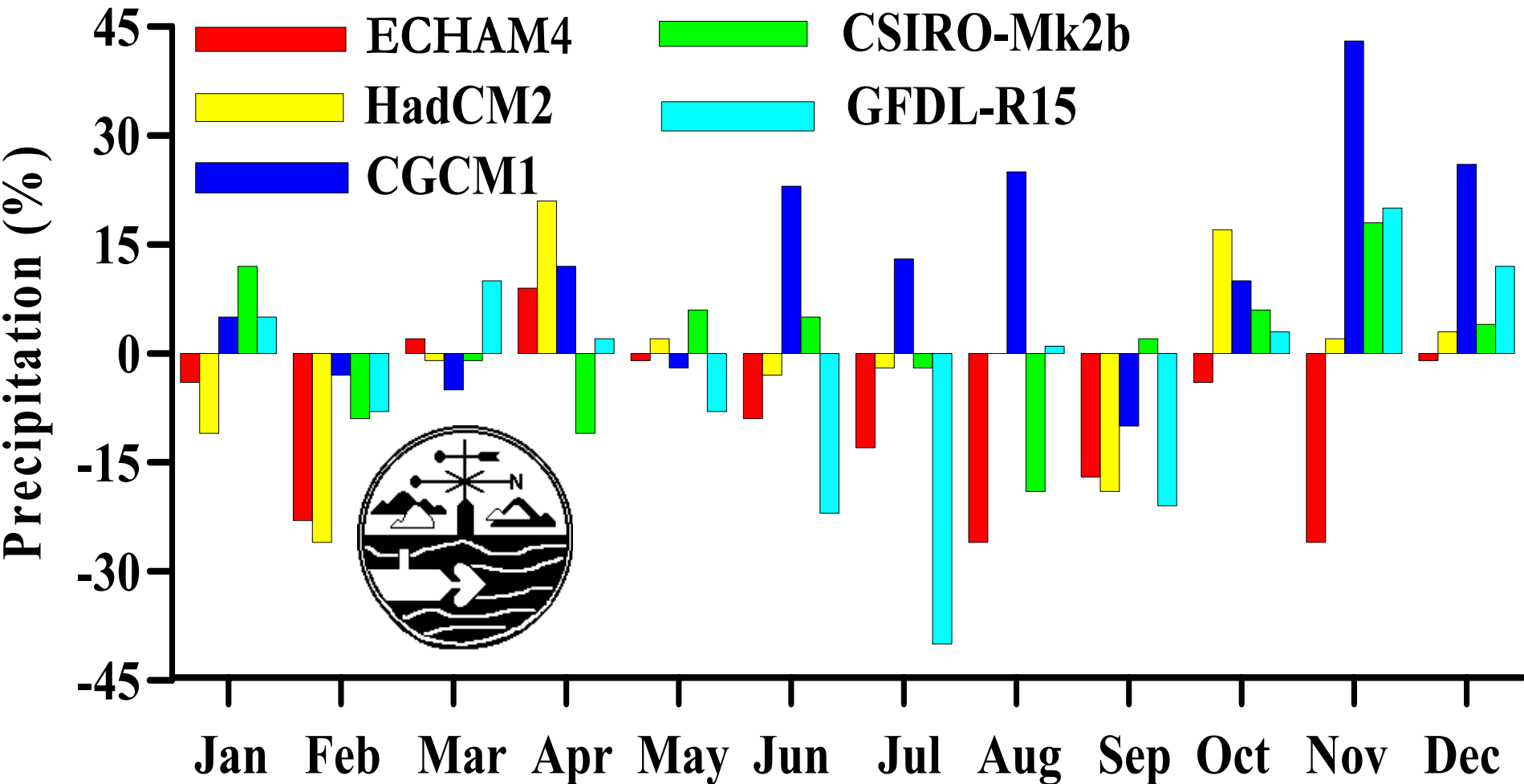
Climate Scenarios for Bulgaria



**2xCO₂ GCM
climate change
scenarios -
monthly air
temperature
and
precipitation**

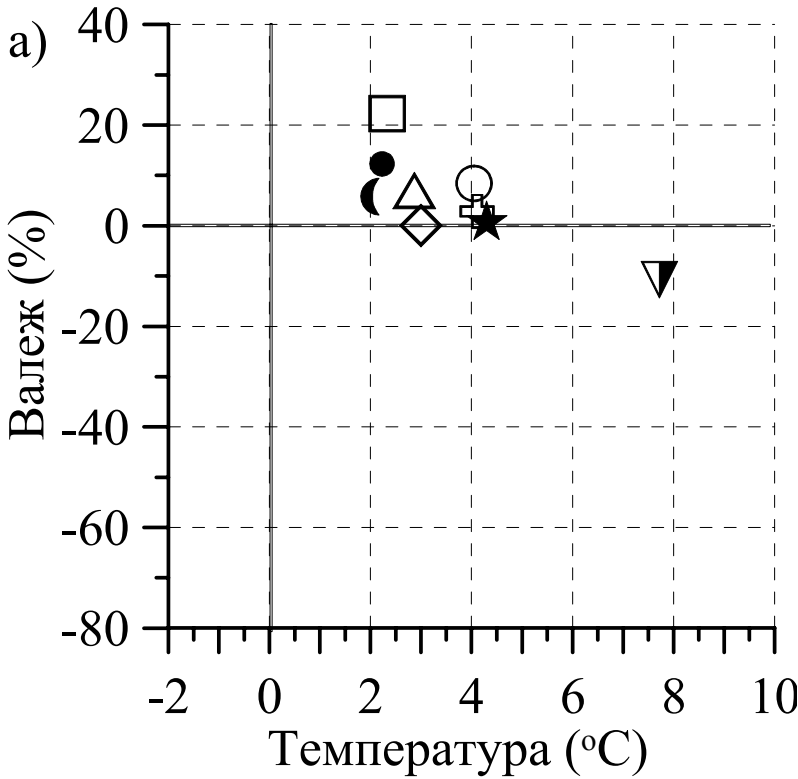


Climate Change Scenarios for Bulgaria

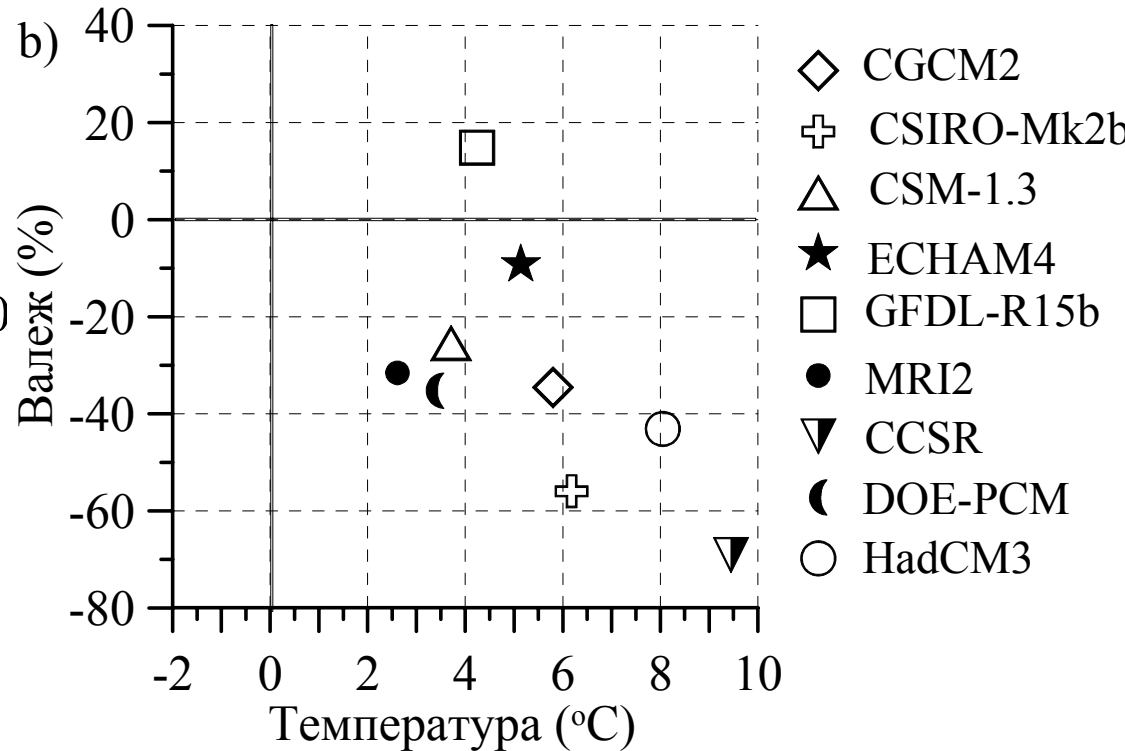


GCM simulated changes in monthly precipitation in Bulgaria for the 2050s, relative to 1961-1990

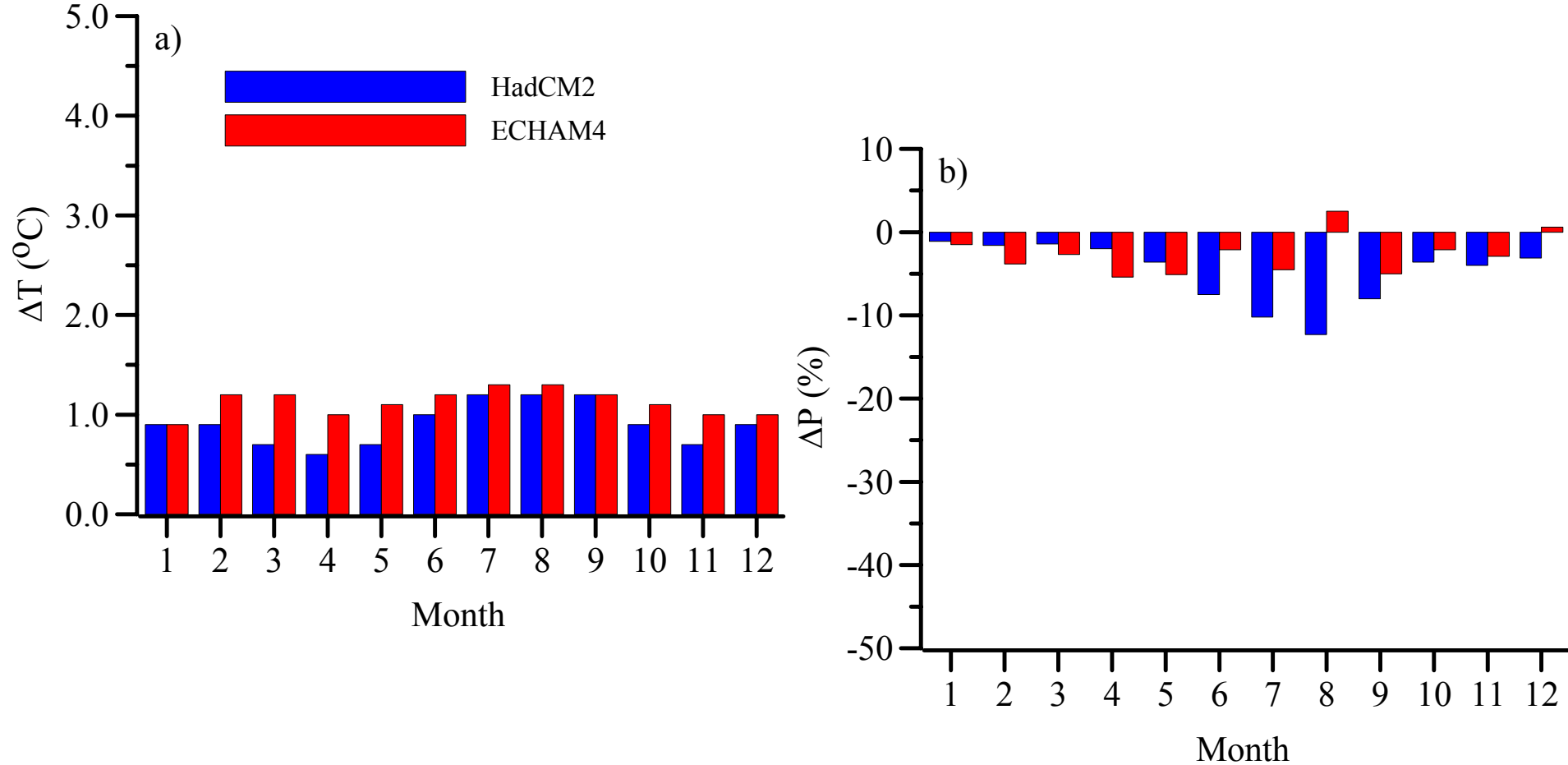
Climate Change Scenarios for Bulgaria



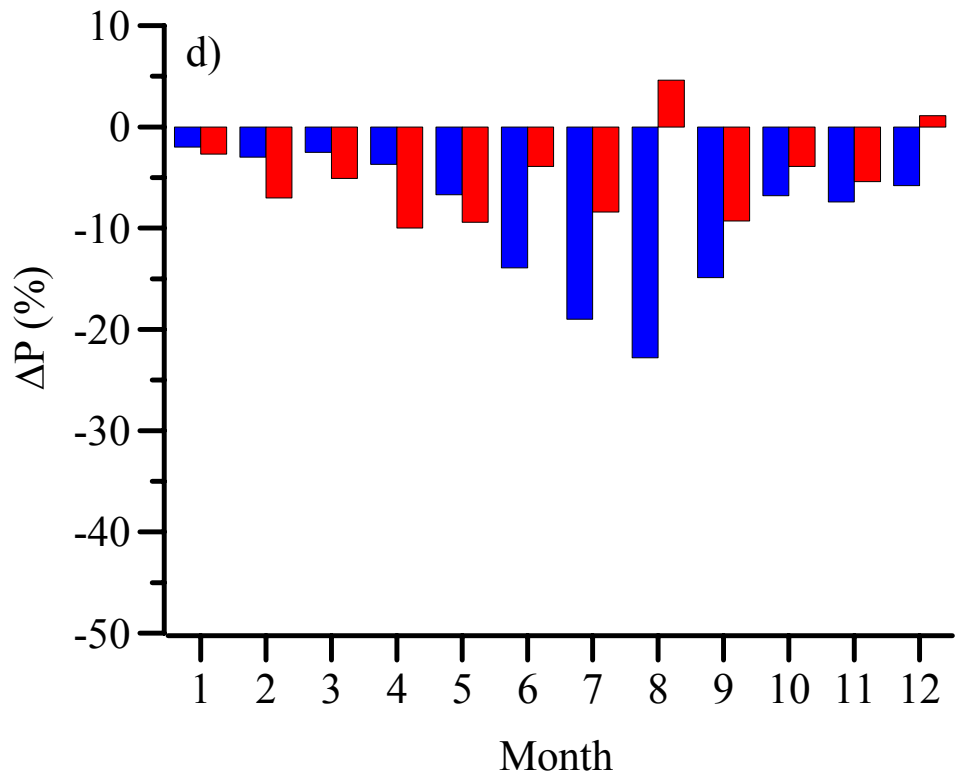
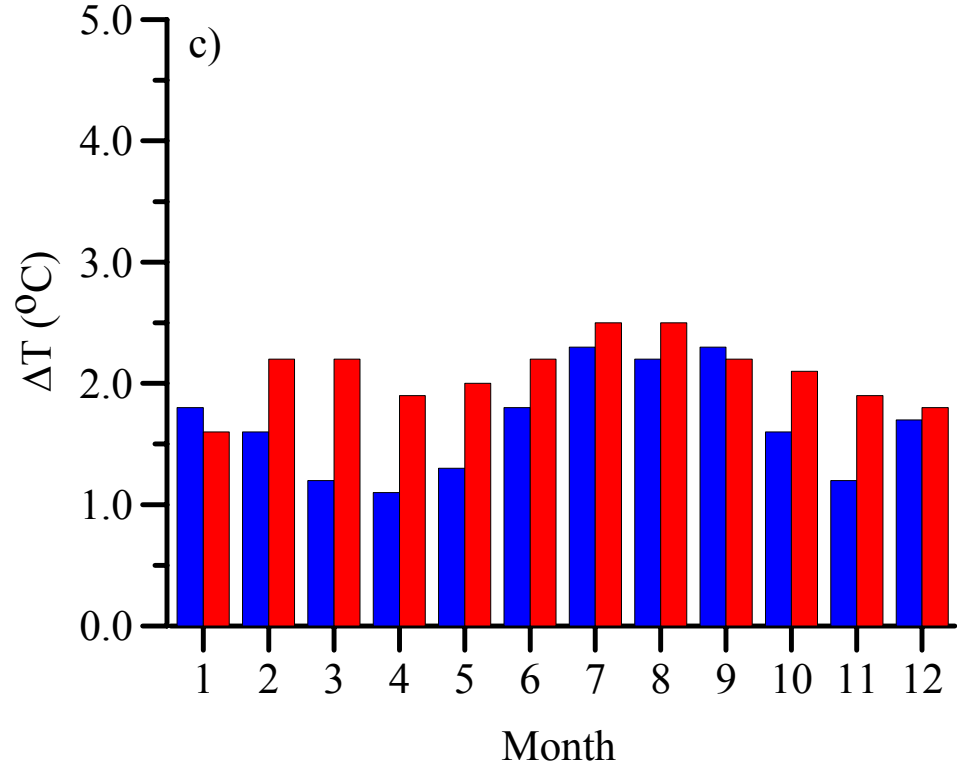
**IPCC A2
emission
scenario**



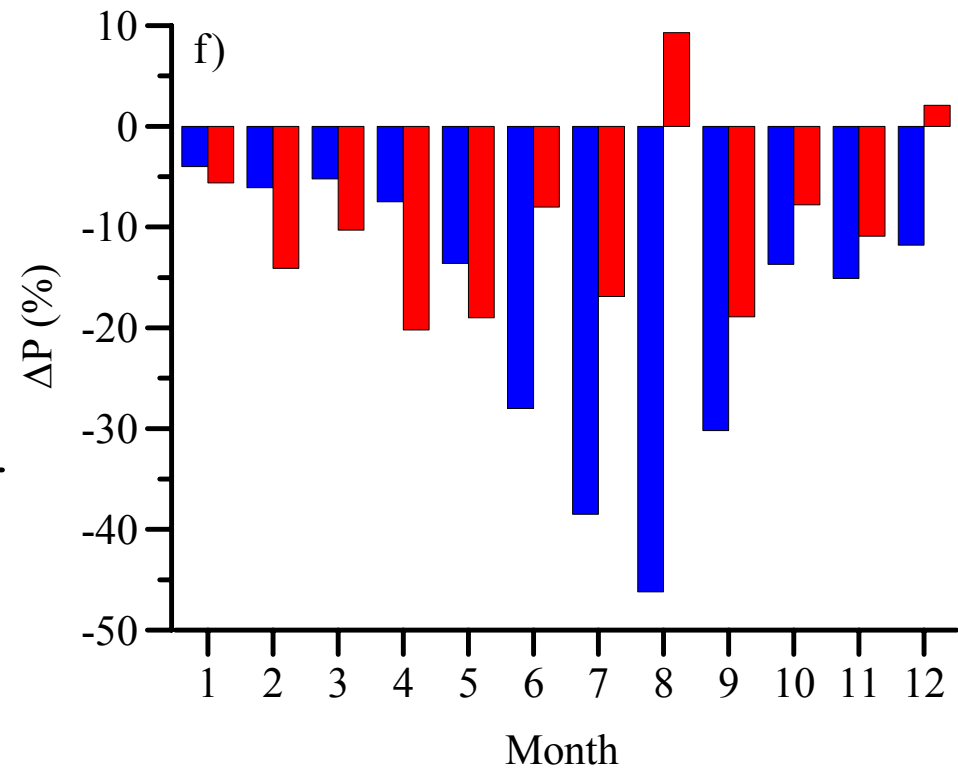
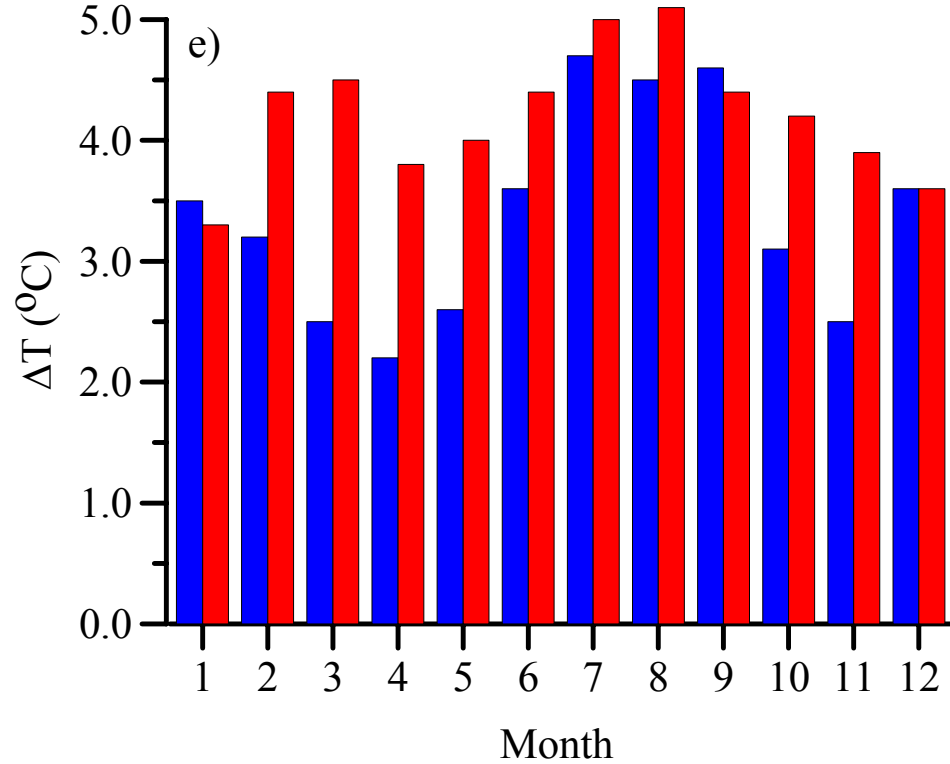
GCM simulated change change of air temperature (X) and precipitation (Y) for winter (a) and summer (b) in Bulgaria for the 2100, relative to 1961-1990



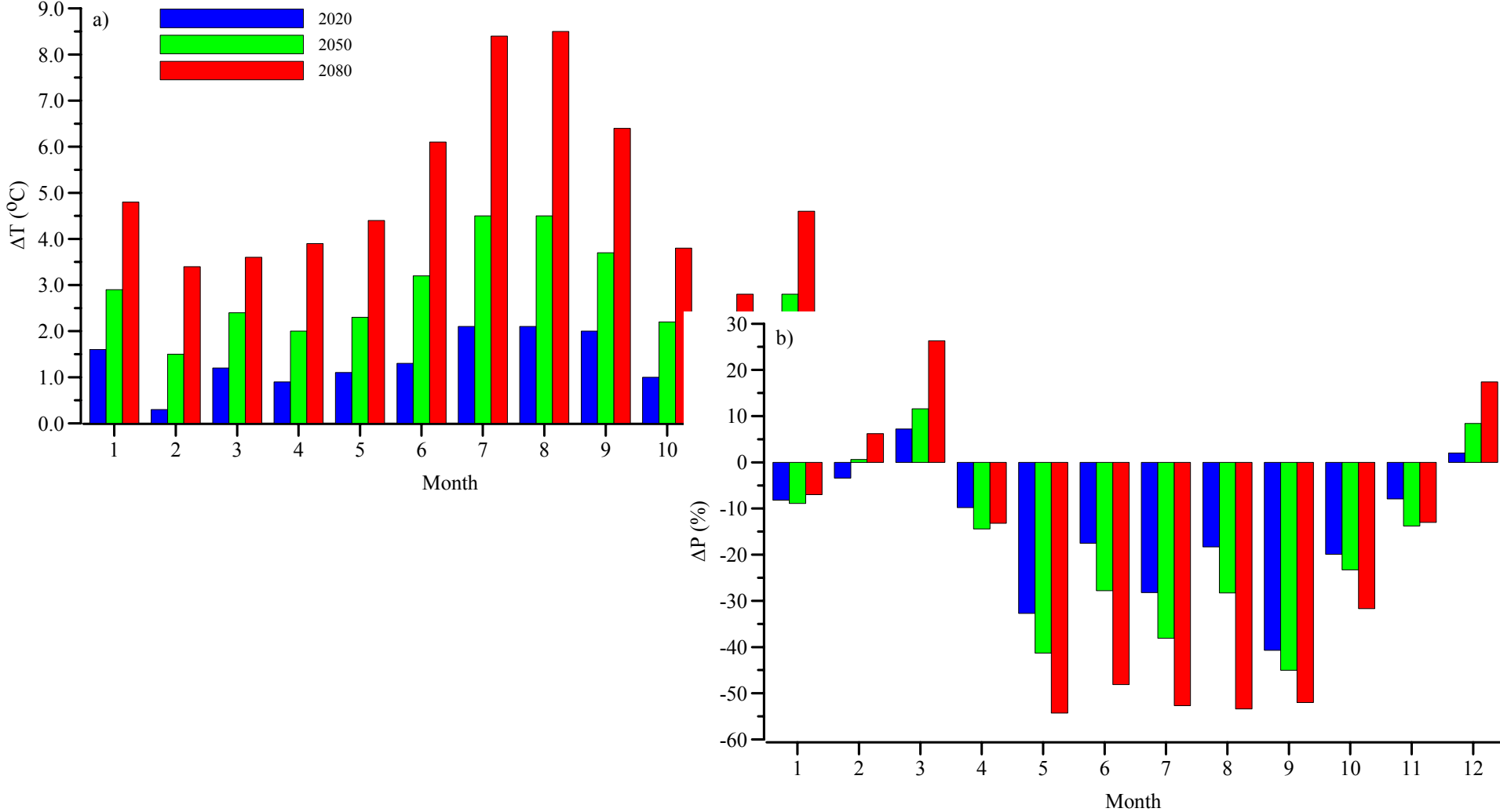
HaDCM2 and ECHAM4 climate change scenarios of monthly air temperature (left) and precipitation (right) in Sandanski (south Bulgaria) during the 2025s (A2 emission scenario)



HaDCM2 and ECHAM4 climate change scenarios of monthly air temperature (left) and precipitation (right) in Sandanski (south Bulgaria) during the 2050s (A2 emission scenario)



HaDCM2 and ECHAM4 climate change scenarios of monthly air temperature (left) and precipitation (right) in Sandanski (south Bulgaria) during the 2100s (A2 emission scenario)



HaDCM3 climate change scenarios of monthly air temperature (left) and precipitation (right) in Novachene, 2020, 2050, 2080 (A2 emission scenario)