Solar activities have had notable effect on palaeoclimatic changes. Contemporary solar activities are so weak and hence expected to cause global cooling. Prevalent global warming, caused by building-up of green-house gases in the troposphere, seems to exceed this solar effect. This paper discusses this issue with review of the last 50 years observations of solar activities.

Throughout the geological history of Earth, climate change is one of the recurrent natural hazards. In recent history the impact of man may drive climate change. The climates of the Nile Basin are of special importance. Egypt and 9 countries that share the Basin need to develop a regional circulation model that would enable them to forecast future climate changes. Recent changes in climate parameters over Egypt and Nile basin and its impacts are surveyed.