Geosciences Division
Physical Research Laboratory

Tuesday Seminar

Latest updates on proxy records of Sunspot activity in the Holocene and the early Permian.

Abstract

Cyclicity in time series of climate proxies, believed to be of solar origin, is documented in the high resolution archives such as ice cores or tree rings in the present and the geological past. The smallest cycle with 11 yrs periodicity is attributed to the sunspot activity and has a measurable effect on the Earth's climate as shown by the Maunder minimum. Indian rainfall also shows 11yr periodicity, in the modern rainfall and the proxy data from climate archives. It seems that 11 yr solar cycle has been affecting the Earth's climate over hundreds of million years by holding its stable periodicity over time. Some of the proxy-based evidences will be presented to discuss a debatable topic, which needs continued investigation for better understanding.

Speaker: **Dr. M. G. Yadava**
GSDN

Date	Time	Venue
04-April-2017	16:00 hrs	Ground Floor Lecture Hall

All are invited to attend and participate in discussion

Tea at 15:30 hrs

A. K. Sudheer, Geosciences Division