



***Geosciences Division  
Physical Research Laboratory***

**Tuesday Seminar**

**Isotopic tracing of atmospheric mineral dust over  
Oceans**

**Abstract**

Atmospheric mineral dust has been recognized as an important constituent in the earth climate system because of their significant impact on various atmospheric and oceanic processes. In order to assess the impact of dust on climatic processes, it is very important to identify the sources of transported dust. Recently, radiogenic isotopes have been efficiently used for tracing atmospheric dust provenance and its transport over the oceans. In this talk, I will highlight on the transatlantic dust transport using radiogenic isotopes (Pb, Sr and Nd).

**Speaker: Dr. Ashwini Kumar  
DST-INSPIRE Faculty, NIO, Goa**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
30-Dec-2014	16:00 hrs	Ground Floor Lecture Hall

**All are invited to attend and participate in discussion  
Tea at 15:30 hrs**

***Neeraj Rastogi, Seminar Secretary, Geosciences Division***