



*Geosciences Division*  
*Physical Research Laboratory*

**Tuesday Seminar**

**The tale of Phosphorus-the devil's element**

**Abstract**

The discovery of phosphorus was an accident while all the alchemists in 17<sup>th</sup> century were behind the mythological substance, the philosopher's stone. This light bearing substance later on became part of many revolutionary changes in the modern human history. The eventual entry of Haber-Bosch process led to green revolution which enhanced the crop production as well as population density. However, excess nutrient usage led to aquatic eutrophication. The talk will address the revolutionary developments in the history of biogeochemistry after the finding of phosphorus, the devil's element. The talk will also give glimpses of mitigation strategies which have been developed in the past few decades to control the aquatic pollution.

**Speaker: Dr. Bhavya P. S.**  
**PDF, GSDN**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
17-Jan-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*