## Title: Environmental magnetic properties of sediments and Relative paleointensity measurements

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## **Abstract:**

Environmental magnetic measurements are a powerful tool in the assessment of the compositional properties of rocks, sediments and soils. Environmental magnetism is a recent technique which is non-destructive and also cost-effective, used for understanding the environmental conditions during sediment transportation, deposition and transformation of magnetic grains. Among the different mineral magnetic concentration-dependent parameters include Susceptibility, Saturation isothermal remanent magnetisation and S-ratio are the most important as far as composition is concerned. In today's talk, the basic magnetic properties and results from sediment sections in Dauki region, Shillong, NE India are discussed. I will also discuss basics of Relative paleointensity determination of sediments.

## **References:**

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