

Atmospheric Black Carbon Concentrations in the Arctic Region from ~1840 to 2010

‘Black Carbon (BC) aerosols absorb solar radiation and affect Earth’s radiation budget. Owing to very limited measurement data, BC emissions are estimated based on fossil fuel inventories, and used in global models to estimate radiative forcing. Developing a long-term global database of BC, and validation of models are crucial. The talk will highlight research on retrieval of BC data over past centuries using lake sediments in the Arctic.

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WHEN

January 17, 2017 (Tuesday)

4 PM

WHERE

**Seminar Hall, ISI NE Centre,
(inside Tezpur University campus)**

ALL ARE CORDIALLY INVITED



**Indian Statistical
Institute**

**North-East Centre
Tezpur, Assam**

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