

Séminaire vendredi le 28 avril 2017 11:00 / Seminar Friday April 28th 2017 11:00h

Sujet/Subject: ASK A SILLY QUESTION UNCOVER A NEW THEORY ?

Langue/language : Anglais/English

Conférencier/Lecturer: Mackay Murray (Environment and Climate Change Canada, Toronto)

Résumé/Abstract:

Sometimes the most innocuous of questions can lead you down some unexpected paths and to surprising new insights into areas you thought you understood or never thought about at all. Such was the case for me last fall when asked a “simpleminded” question about lakes and temperature which, when I realized couldn’t be answered off the cuff led me on a journey from the heights of the Andes and the Himalaya to the Rift Valley of Africa, and to a rich literature from decades ago. In this talk I present a new theory for the relationship between surface air and surface water temperatures for lakes at any altitude, challenging a widely held notion of linearity essential for paleolimnological climate reconstruction and alpine aquatic climate change research.