Lecture #2
Tuesday, 1 April, 11AM, 3rd Floor Conference Room, GISS Campus

**ISCOSCAPES: Stable Isotope Patterns on Temporal, Regional, and Global Scales**

Abstract: Stable isotopes vary on Earth in predictable ways that are related to the physical and biological processes operating at scales from the individual organism to that of global circulation. The notion of ISOSCAPES combines the mapping of stable isotope patterns on spatial and temporal scales to better understand ecology, meteorology, oceanography, geology, and the human interactions in the environment. I will discuss examples of temporal and spatial isotope patterns; these include migration, forensics, feeding behavior, and human effects on the hydrologic cycle.

*Please arrive by 10:50 AM at Security with CU ID for admittance to the GISS Campus*