

Second workshop of the “Development of Isotopic Proxies for Paleoenvironmental Interpretation: A Carbon Perspective” (DIPPI-C) working group

Jonathan E. Nichols, Lamont Assistant Research Professor, Lamont-Doherty Earth Observatory
jnichols@ldeo.columbia.edu, x8428

Abstract

Constraining the carbon cycle is vital to understanding environmental processes at all spatial and temporal scales. A robust quantification and interpretation of these processes requires an integrative interdisciplinary understanding of the complex and non-linear mechanisms that control the behavior of C isotopes from the molecular level through to bulk organic matter. This workshop will provide an important contribution to this understanding. We kindly request funding to host the 2nd workshop of the international working group “Development of Isotopic Proxies for Paleoenvironmental Interpretation: A Carbon Perspective (DIPPI-C)” at the Lamont-Doherty Earth Observatory from August 20 – 23, 2013. This workshop will include both oral and poster presentations together with focused discussion sessions (see Table 1). We expect approximately 50 international participants.