Interactive comment on “Examining the sensitivity of the terrestrial carbon cycle to the expression of El Niño” by Lina Teckentrup et al.

Paul Pukite
puk@umn.edu

Received and published: 20 August 2020

The forcing of El Niño is a combination of the annual cycle and the tidal cycles. There are peer-reviewed citations for this but an intriguing terrestrial connection is to predator-prey cycles, see figure below and the following cite: Archibald, H. L. "Relating the 4-year lemming (Lemmus spp. and Dicrostonyx spp.) population cycle to a 3.8-year lunar cycle and ENSO". Can. J. Zool. 97, 1054–1063 (2019).

Fig. 1.