

## ***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

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The forcing of El Nino 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).

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-299>, 2020.

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Discussion paper



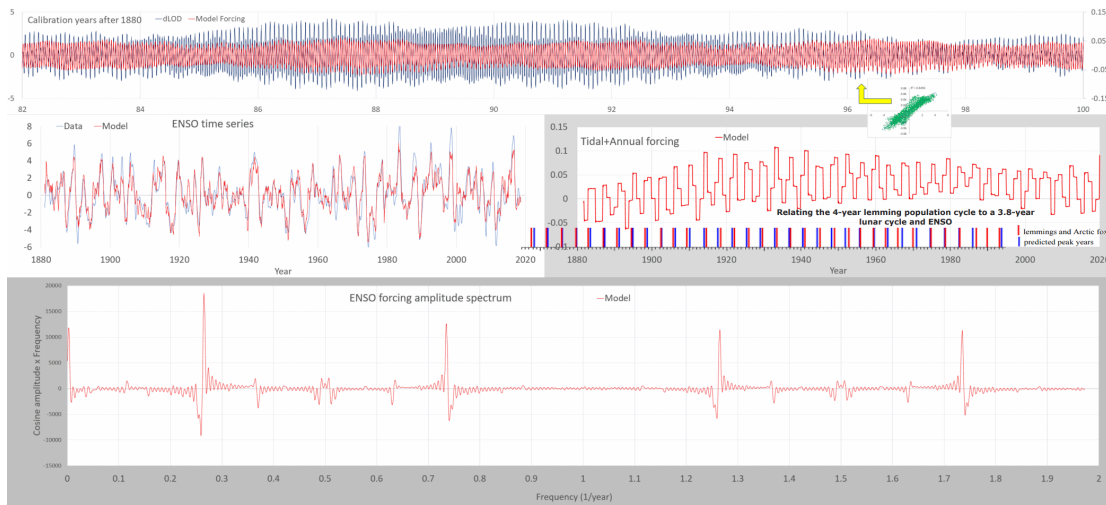


Fig. 1.

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