1. The ecosystem for this paper was empty on the master datasheet. It should be tidal fresh water according to the double check from Meng. Confirmed by Meng.

2. Soil C pool and soil C rate data was from Table 1 (page 24).

The paper does not report carbon density directly. We calculated carbon density from Table 1, which reported percent organic C and bulk density, but not carbon concentration. To calculate carbon density, their data were entered into a spreadsheet, then processed with SAS code to calculate carbon density. The calculation steps were as follows:

a. Convert soil carbon concentration (SoilCC) to carbon density.

SC=OC\*BD/1000, where

SC=Soil carbon density in units of grams carbon per cubic centimeter (g/cm3)

