1. The longitude was “69.833333” on the Blanca’s datasheet, right data should be “-69.833333”, corrected by Meng.

2. The soil C rate data ’40 g C yr-1 m-2’ was from text on page 401.

The paper does not report carbon density directly. We calculated carbon density from the text, which reported percent organic carbon and bulk density, but not carbon pool.

Soil C pool data was calculated from bulk density and C concentration as:

Soil C pool = Bulk density \* OC, (SCP unit is OC\_g\_cc)

