



Supplement of

Modeling soil organic carbon dynamics and their driving factors in the main global cereal cropping systems

Guocheng Wang et al.

Correspondence to: Guocheng Wang (wanggc@mail.iap.ac.cn) and Wen Zhang (zhw@mail.iap.ac.cn)

The copyright of individual parts of the supplement might differ from the CC BY 3.0 License.



Figure S1. Spatial distribution of the main cereal-growing areas across the world.



Figure S2. Spatial distribution of the initial soil organic carbon density across the global main cereal-growing areas.



Figure S3. Temporal variations of carbon inputs in the global main cereal cropping regions under different above-ground crop residue retention rates of 30% (a), 60% (b) and 90% (c).



Figure S4. Carbon inputs across five continents in the global main cereal cropping regions under different above-ground crop residue retention rates of 30% (a), 60% (b) and 90% (c).