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Supplement of

Effects of carbon turnover time on terrestrial ecosystem carbon storage

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All of the original data (MOD 17, HWSD, NCSCD, vegetation C production of Gibbs et al (2006) and litter dataset from Holland et al., 2005, climate variables from the Climate Research Unit (CRU_TS 3.20)) are open and shared. We provided the download links for those as follows:

MOD 17: <https://modis.gsfc.nasa.gov/data/dataproduct/mod17.php>

HWSD: <http://eusoils.jrc.ec.europa.eu>

NCSCD: <http://bolin.su.se/data/ncscd/>

Vegetation C: http://cdiac.ess-dive.lbl.gov/epubs/ndp/global_carbon/carbon_documentation.html

litter dataset:

https://daac.ornl.gov/VEGETATION/guides/Global_Litter_Carbon_Nutrients.html

the Climate Research Unit: <http://www.cru.uea.ac.uk/>

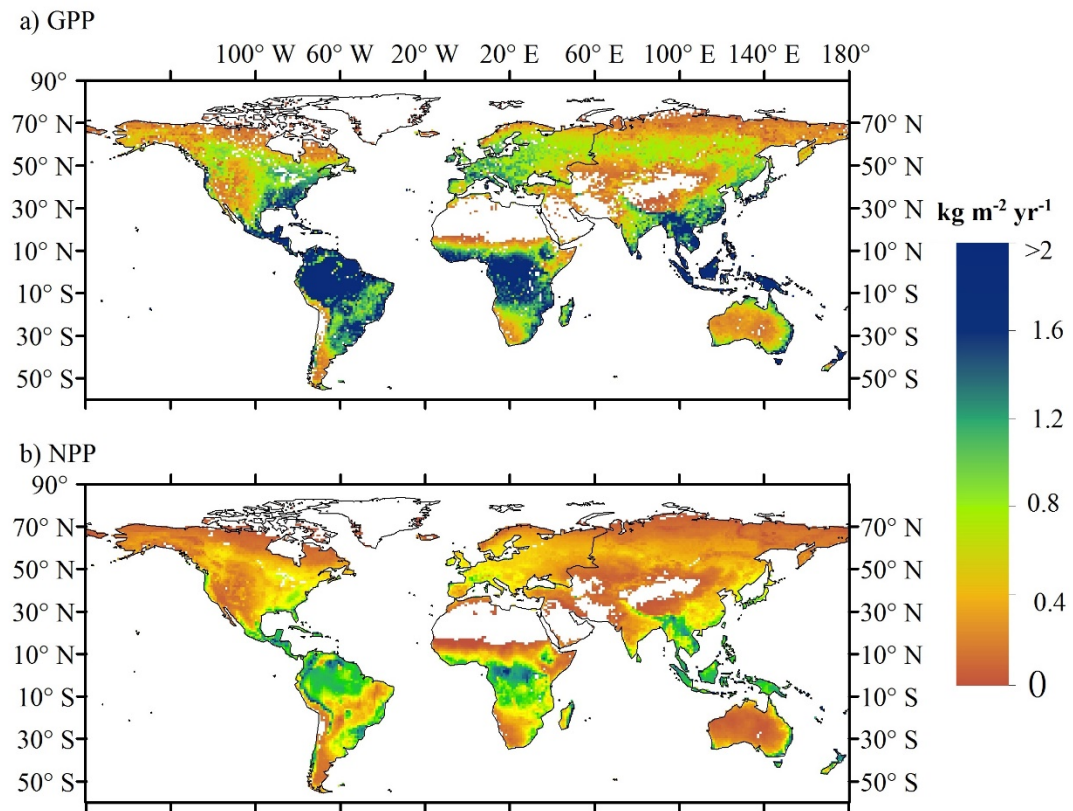


Figure S1: Spatial pattern of GPP (a) and NPP (b) at grid scale ($1^{\circ}\times 1^{\circ}$). Unite: Kg C m⁻² yr⁻¹.