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Supplement of

Water-saving ground cover rice production system reduces net greenhouse gas fluxes in an annual rice-based cropping system

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Supplementary materials

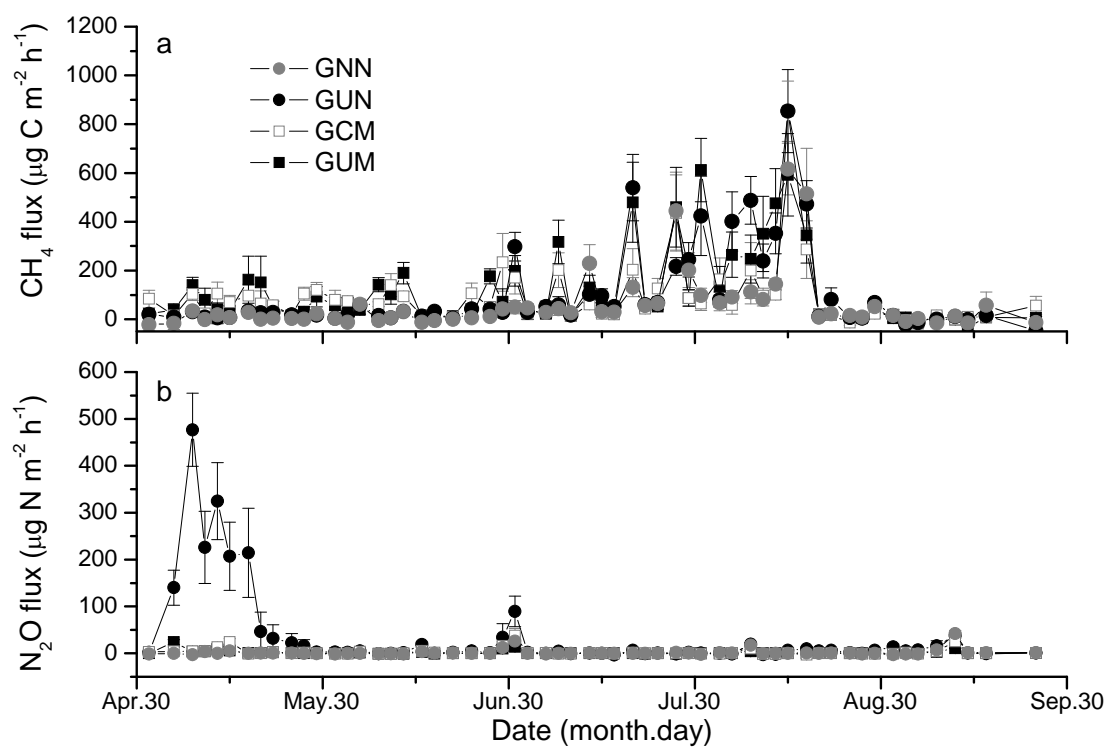


Fig. S1. Seasonal dynamics of (a) methane (CH_4) and (b) nitrous oxide (N_2O) fluxes (mean \pm standard errors) from the furrows of different fertilizer treatments in the ground cover rice production system during the rice-growing season. Definitions of abbreviations for the different fertilizer treatments are shown in the footnotes of Table 1 and in the text.

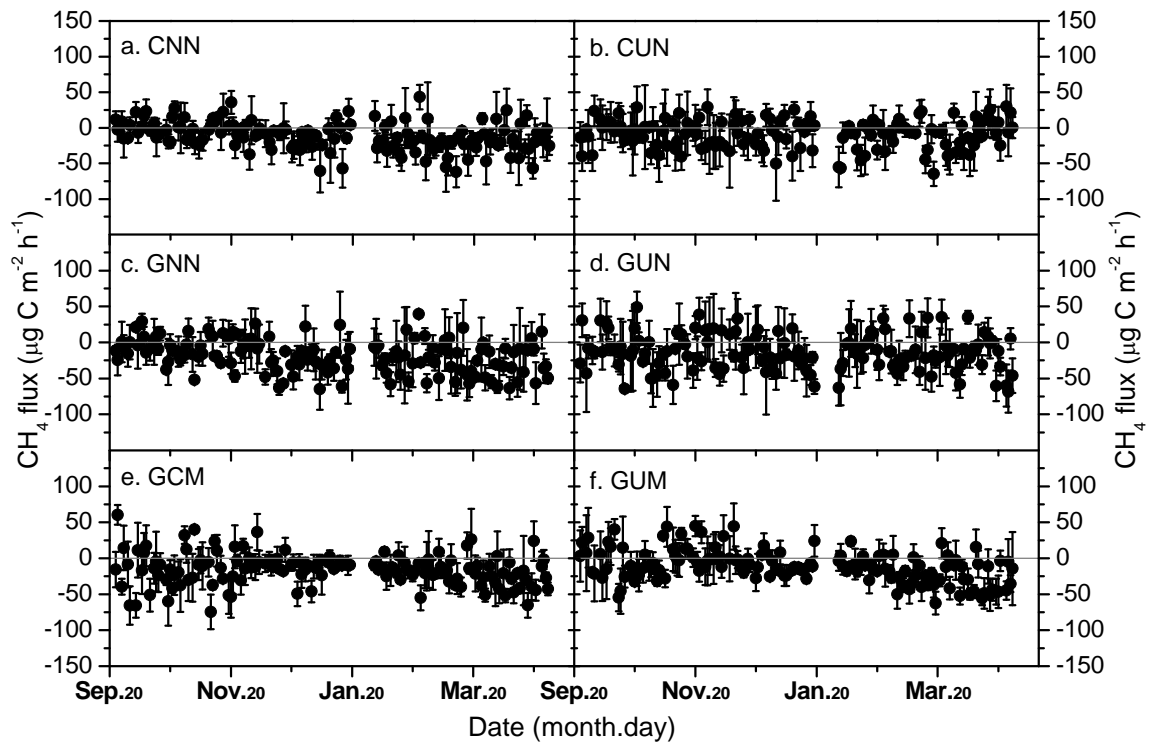


Fig. S2. Seasonal dynamics of (a-f) methane (CH_4) fluxes (mean \pm standard errors) for different fertilizer treatments in the conventional paddy and ground cover rice production systems during the fallow period. Definitions of abbreviations for the different fertilizer treatments are shown in the footnotes of Table 1 and in the text.