Supplementary Materials for

Emissions of greenhouse gases and NO from rice fields and a peach orchard as affected by N input and land-use conversion

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Table S1 CH_4 and NO_x emissions from other rice-wheat rotation studies in the middle and lower reaches of the Yangtze River used in this study

Site		Year	Fertilizer application rate kg N ha^{-1}	CH_4 kg C ha^{-1}	N_2O kg N ha^{-1}	NO kg N ha^{-1}	Reference
Jiangsu	32°35′5″N,119°42′0″E	2004-2008	0	-1.16	0.91	0.15	Yao Z, Zheng X, Wang R, et al.,2013
			225	-1.2	3.08	0.79	
Nanjing	31°52′N,118°50′E	2002-2003	0		2.84		Zou J, Huang Y, Lu Y, et al.,2005
			300		7.27		
Wuxi	31°37′ N, 120°28′ E	2003-2004	0		0.96	0.29	Deng J, Zhou Z, Zheng X, et al.,2012
Huaian	32°43′–34°06′N,118°12′–119	2011-2013	300	9.58	13.4	5.41	Lan T, Zhang H, Han Y, et al.,2021
			0	11.5	8.54	4.47	
Yixing	31°07′-31°37′N,119°31′-120°(	2011-2012	0		1.91	2.22	Gao X, Deng O, Ling J, et al.,2018
			300		3.35	3.92	
Huaian	32°43′-34°06′N,118°12′-119°:	2011-2012	0		1.77	2.36	
			300		3.93	3.49	
Changshu	31°32′93″N,120°41′88″E	2009-2010	0	1.28	0.75		Ma Y C, Kong X W, Yang B, et al.,2013
			180	6.59	4.53		

Zou J, Huang Y, Lu Y, et al. Direct emission factor for N_2O from rice–winter wheat rotation systems in southeast China[J]. Atmospheric Environment, 2005, 39(26): 4755-4765.

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