

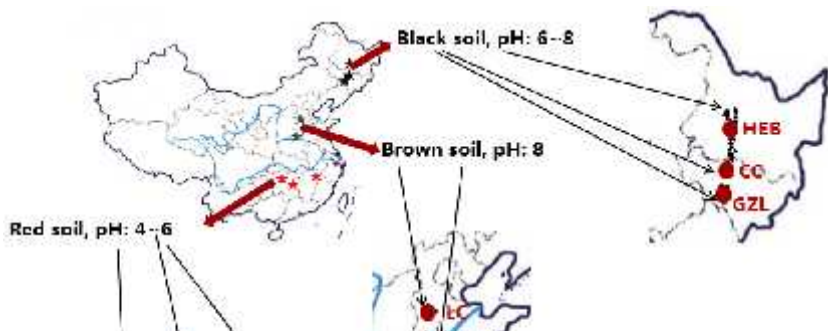
12/07/2016

**Pervasive control of soil pH on N₂O and N₂ emissions
from upland agricultural soils across China**

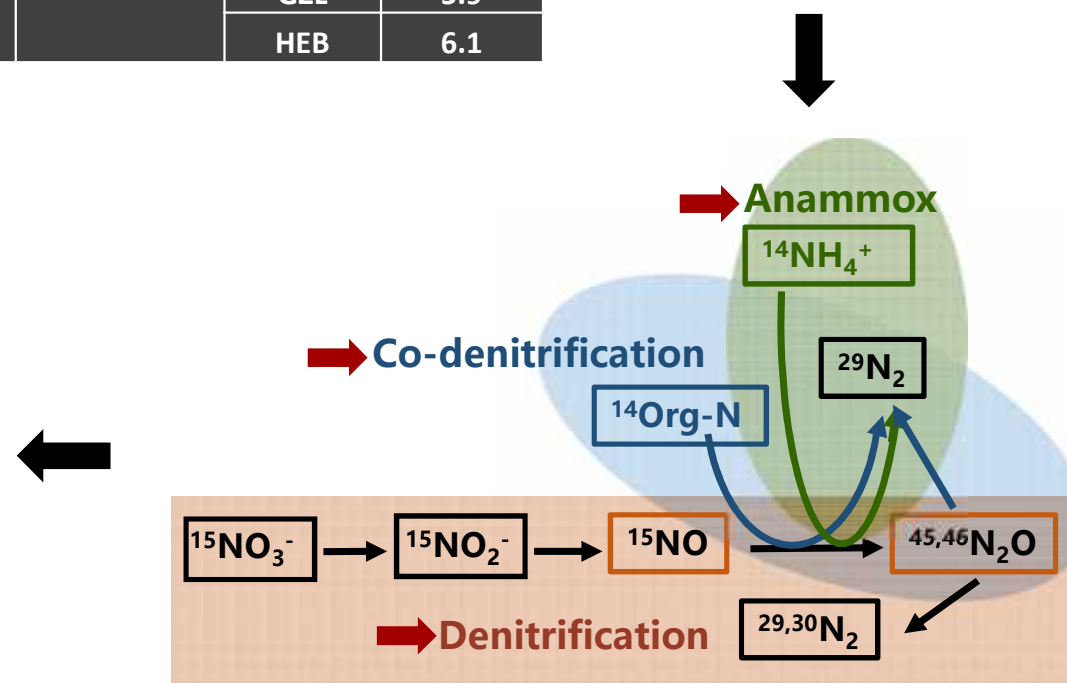
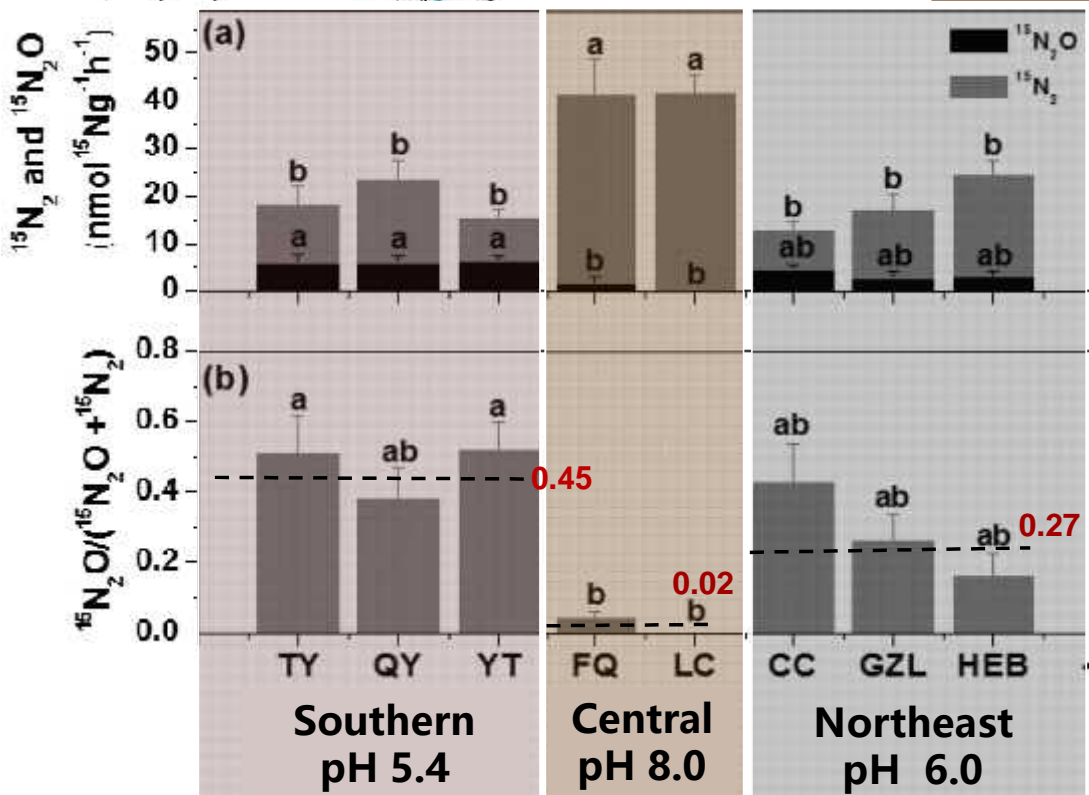
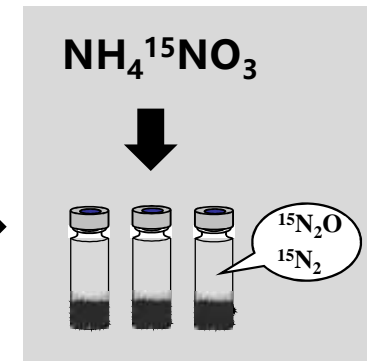
Feifei Zhu

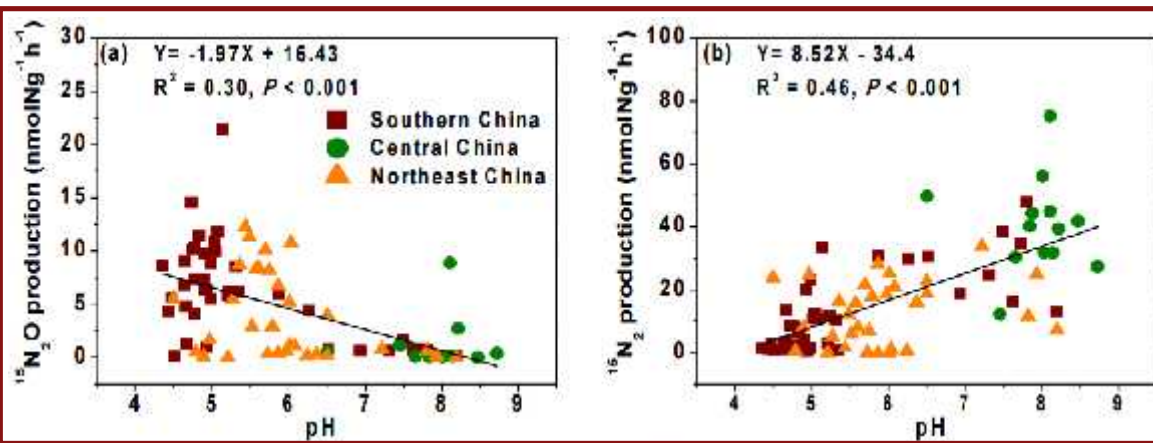
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Rates and pathways of N₂O & N₂ productions

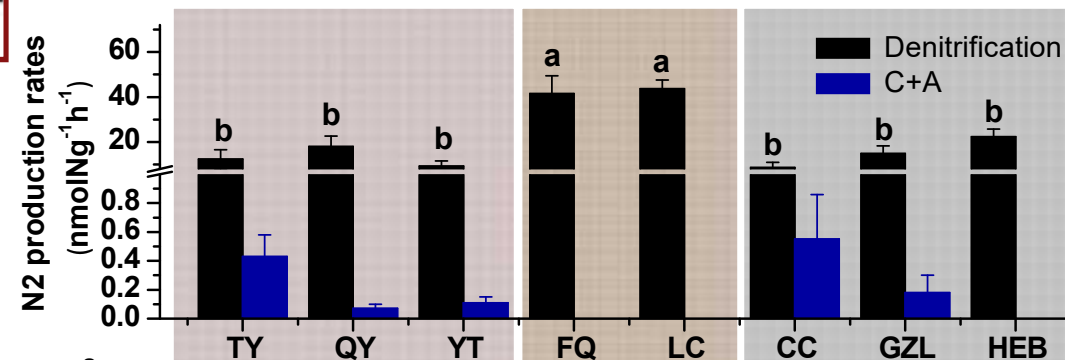


Regions	Soil type	Location	pH
Southern China	Silt clay loam	TY	5.6
		QY	6
		YT	4.9
Central China	Silt loam	FQ	7.9
		LC	8
	Silt loam	CC	5.9
		GZL	5.9
		HEB	6.1





● Denitrification dominated N_2 production



● pH regulated both N_2 and N_2O