



Corrigendum to

“Responses of N₂O and CH₄ fluxes to fertilizer nitrogen addition rates in an irrigated wheat-maize cropping system in northern China” published in Biogeosciences, 9, 839–850, 2012

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We would like to inform you that the fitting equation in Table 3 for Fig. 8b is wrong.
 Please find the corrected table below.

Table 3. Fitting equations for Figs. 2, 3, 5, 6, 7 and 8.

Figure		Fitting equation	r^2	p	Figure		Fitting equation	r^2	p	
Fig. 2a	WS:	$f(x) = 11.09 + 0.15 \cdot x$	0.97	< 0.01	Fig. 2b	WS:	$f(x) = \exp(3.47 + 0.002 \cdot x - 0.000004 \cdot x^2)$	0.81	< 0.05	
	MS:	$f(x) = 5.22 + 0.25 \cdot x$	0.997	< 0.01		MS:	$f(x) = 98.85 - 51.19 \cdot 0.995^x$	0.97	< 0.01	
	AS:	$f(x) = 8.08 + 0.10 \cdot x$	0.99	< 0.01		AS:	$f(x) = 76.41 - 34.21 \cdot 0.997^x$	0.98	< 0.01	
Fig. 3a	Wheat:	$f(x) = 8.03 - 1.74 \cdot 0.996^x$	0.90	< 0.01	Fig. 3b	Wheat straw:	$f(x) = 5.49 + 0.002 \cdot x$	0.79	< 0.05	
	Maize:	$f(x) = 9.16 - 4.24 \cdot 0.997^x$	0.96	< 0.01		Wheat grain:	$f(x) = 21.15 + 0.005 \cdot x$	0.74	< 0.05	
	Wheat + Maize:	$f(x) = 16.51 - 5.36 \cdot 0.996^x$	0.95	< 0.01		Maize straw:	$f(x) = 8.03 + 0.009 \cdot x$	0.80	< 0.05	
				Maize grain:		$f(x) = 12.51 + 0.004 \cdot x$	0.90	< 0.01		
Fig. 5a	WS:	$f(x) = 0.41 + 0.0017 \cdot x$	0.94	< 0.01	Fig. 5b	MS:	$f(x) = -0.49 - 0.0006 \cdot x$	0.77	< 0.05	
	MS:	$f(x) = 1.01 + 0.0073 \cdot x$	0.97	< 0.01		AS:	$f(x) = -1.50 - 0.0003 \cdot x$	0.82	< 0.05	
	AS:	$f(x) = 1.44 + 0.0049 \cdot x$	0.99	< 0.01						
Fig. 5c	WS:	$f(x) = 159.93 + 0.79 \cdot x$	0.94	< 0.01	Fig. 6a	WS:	$f(x) = 0.25 + 0.01 \cdot x$	0.92	< 0.01	
	MS:	$f(x) = 457.80 + 3.39 \cdot x$	0.97	< 0.01		MS:	$f(x) = 0.87 + 0.03 \cdot x$	0.95	< 0.01	
	AS:	$f(x) = 619.19 + 2.28 \cdot x$	0.99	< 0.01		AS:	$f(x) = 1.00 + 0.05 \cdot x$	0.97	< 0.01	
Fig. 6b	MS:	$f(x) = 0.20 \cdot 1.03^x$	0.98	< 0.01	Fig. 7	WS:	$f(x) = \exp(-4.29 + 0.55 \cdot x)$	0.69	< 0.05	
	AS:	$f(x) = 0.21 \cdot 1.04^x$	0.94	< 0.01		MS:	$f(x) = 0.12 \cdot 1.56^x$	0.93	< 0.01	
						AS:	$f(x) = \exp(-2.50 + 0.24 \cdot x)$	0.83	< 0.05	
Fig. 8a	WS:	$f(x) = 0.07 \cdot 1.002^x$	0.90	< 0.01	Fig. 8b	AS	$f(x) = -0.14 + 0.0001 \cdot x - 0.00000009 \cdot x^2$	0.95	< 0.01	
	MS:	$f(x) = 0.22 \cdot 1.002^x$	0.93	< 0.01						
	AS:	$f(x) = 0.14 \cdot 1.001^x$	0.96	< 0.01						

r : correlation coefficient; p : probability value; WS: wheat season; MS: maize season; AS: annual scale.