



## *Corrigendum to*

# **“Temperature response of denitrification and anammox reveals the adaptation of microbial communities to in situ temperatures in permeable marine sediments that span 50° in latitude” published in *Biogeosciences*, 11, 309–320, 2014**

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In the paper “Temperature response of denitrification and anammox reveals the adaptation of microbial communities to in situ temperatures in permeable marine sediments that span 50° in latitude” by A. Canon et al. (*Biogeosciences*, 11, 309–320, 2014), the following error occurred: the first row for both denitrification and anammox should read “ $T_{\text{opt}}$  (°C)”. The 3rd row under anammox labeled “ $T_{\text{opt}}$  (kJ mol<sup>-1</sup>)” should instead read “ $E_a$  (kJ mol<sup>-1</sup>)”.

**Table 3.** Optimum temperatures ( $T_{\text{opt}}$ ), apparent activation energy ( $E_a$ ), and ratio of rates at 5 °C relative to  $T_{\text{opt}}$  for anammox and denitrification in permeable sediments. The range of the  $T_{\text{opt}}$  peak where rates did not fall below 90 % of the optimum rate is noted in parentheses. Values of  $Q_{10}$  were calculated between  $T_{\text{opt}}$  and  $T_{\text{opt}}-10$  °C.

		SGI Gulf	SGI Bay	Sylt Summer	Sylt Winter	Ymerbukta
Denitrification	$T_{\text{opt}}$ (°C)	36 (35–37)	35	34 (26–35)	26 (24–32)	21 (17–24)
	Rate at 5 °C relative to $T_{\text{opt}}$	1.4 %	0.4 %	17.1 %	11.2 %	34.4 %
	$E_a$ (kJ mol <sup>-1</sup> )	102.7 ± 2.1	123.5 ± 4.0	51.7 ± 3.8	65.0 ± 4.0	57.8 ± 4.4
	$Q_{10}$	3.8	5.0	2.0	2.5	2.3
Anammox	$T_{\text{opt}}$ (°C)	N.A.	N.A.	26 (22–29)	N.D.	9
	Rate at 5 °C relative to $T_{\text{opt}}$	N.A.	N.A.	34.8 %	N.D.	35 %
	$E_a$ (kJ mol <sup>-1</sup> )	N.A.	N.A.	35.0 ± 4.9	N.D.	N.D.
	$Q_{10}$	N.A.	N.A.	1.6	N.D.	N.D.

N.A., no detectable activity; N.D., not determined.