

CORRIGENDUM

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There were some small errors in the caption and body of Table 2 of Gregory et al. (2009), specifically in the lines reporting Eqs. (4) and (18). The corrected table and caption as they should have appeared are shown below.

REFERENCE

Gregory, J. M., C. D. Jones, P. Cadule, and P. Friedlingstein, 2009: Quantifying carbon cycle feedbacks. *J. Climate*, **22**, 5232–5250.

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TABLE 2. Summary of main results for climate and carbon response and feedbacks. References are to equation numbers in the text. The first three groups of formulas apply to equilibrium climate change. The formulas for CO₂ emissions apply to time-dependent change in which constant ocean heat uptake efficiency κ is a good approximation.

Heat balance (resistance form)	$F = \lambda T$ and $\lambda = T \sum_i \lambda_i$	(2), (10)
Measure of climate response to radiative forcing	$T_{2\times} = \frac{F_{2\times}}{\lambda} = \frac{F_{2\times}}{\sum_i \lambda_i}$	(1)
Climate feedbacks on T (gain form)	$G_T = \frac{T}{T_{BB}} = \frac{1}{1 - g_T}$, $g_T = \sum_{i \neq BB} \frac{-\lambda_i}{\lambda_{BB}}$, and $T_{BB} = F/\lambda_{BB}$	(4)
Heat balance modified to include ocean heat uptake and carbon cycle feedback for CO ₂ emissions	$F_C(C_E) = T(\rho + r_\beta + r_\gamma)$, $\rho = \lambda + \kappa$, $r_\beta = \rho\beta$, and $r_\gamma = \phi\gamma$	(6), (20)
Carbon balance (resistance form) for CO ₂ emissions	$C_E = uC$, $u = \sum_i u_i = 1 + \beta + u_\gamma$, and $u_\gamma = \phi\gamma/\rho$	(13), (14)
Measure of CO ₂ response to emissions	$A = \frac{C}{C_E} = \frac{1}{u} = \frac{1}{\sum_i u_i}$	(15)
Carbon feedbacks on C (gain form) for CO ₂ emissions	$A = \frac{C}{C_E} = \frac{1}{1 - g_C}$ and $g_C = -\sum_{i>0} u_i$	(16)
Climate–carbon feedback (gain form) on the C , T , which would result from CO ₂ emissions in the absence of this feedback	$C, T = G_{CC} C_{ny}, T_{ny}$, $G_{CC} = \frac{1}{1 - g_{CC}}$, and $g_{CC} = -\frac{u_\gamma}{1 + \beta} = -\frac{\phi\gamma}{\rho(1 + \beta)}$	(17), (18)