

### **Corrigendum to “Future response of global coastal wetlands to sea-level rise”**

In the legend title of Figure 2b “km<sup>2</sup>” has been changed to “%”, reflecting that the figure shows relative wetland changes.

Equation 3 in conjunction with the model parameters reported in the original paper could not reproduce the presented model results as it did not match the published model code (<https://gitlab.com/mark.schuerch/global-coastal-wetland-model>). In the published model code, equation 3 reads  $Sed_{crit} = n \times [(RSLR + j) / TR^e]$ , which transforms into the originally published equation 3, when  $n = 1 / m$  and  $j = -i$ . Failure to compare equation 3, derived from equation 2, with the form of the equation used in the model code led to this error.

To enable full reconstruction of the modelling results with the reported model parameters, equation 3 has been changed from  $Sed_{crit} = (RSLR - i) / (m \times TR^e)$  to  $Sed_{crit} = m \times [(RSLR + i) / TR^e]$ , and equation 2 has been changed from  $RSLR_{crit} = (m \times TR^e) \times Sed + i$ , in which  $(m \times TR^e)$  represents the slope of a linear relationship between  $RSLR_{crit}$  and  $Sed$  to  $RSLR_{crit} = [(1 / m) \times TR^e] \times Sed - i$ , in which  $(1/m \times TR^e)$  represents the slope of a linear relationship between  $RSLR_{crit}$  and  $Sed$ . Equation 3 can now be used to reproduce the reported results using the values of the model parameters as reported.

These changes do not affect the model results and conclusions in any way. We thank Faming Wang, Christian Sanders, James Morris, Ying Huang and Jianwu Tang for bringing this mistake to our attention.