

Corrigendum to

"Jet stream wind power as a renewable energy resource: little power, big impacts" published in Earth Syst. Dynam., 2, 201–212, 2011

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In the above mentioned manuscript, we mistakenly noted the units of the additional friction parameter ($C_{\rm ex}$) applied within the general circulation model to be 1/s. In fact, the units should be 1/m. We would clarify that this was a writing error on our part and in no way influences the results or conclusions.

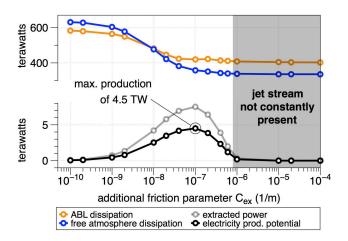


Fig. 4. Sensitivity of extracted kinetic energy from jet streams Pex and total atmospheric dissipation D_n to the additional drag C_{ex} imposed by wind turbines.

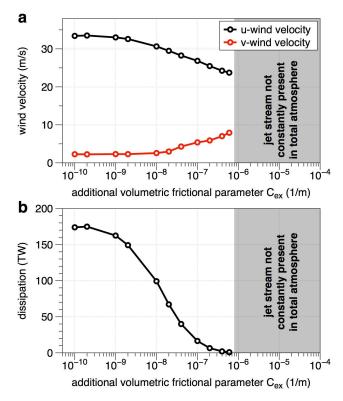


Fig. 5. Sensitivity of jet stream dynamics to the intensity of kinetic energy extraction $C_{\rm ex}$ from jet streams with $v_{\rm jet} = 25 \, {\rm m \, s^{-1}}$ in terms of (a) the mean u- and v-wind velocities at 200 hPa and (b) the dissipation rate within those atmospheric regions at which the wind velocity is $> 25 \, {\rm m \, s^{-1}}$.

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