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Earth System Dynamics

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_{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.

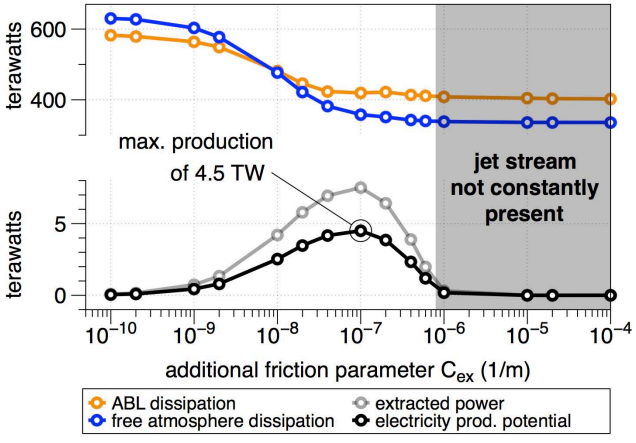

Fig. 4. Sensitivity of extracted kinetic energy from jet streams Pex and total atmospheric dissipation D_n to the additional drag C_{ex} imposed by wind turbines.

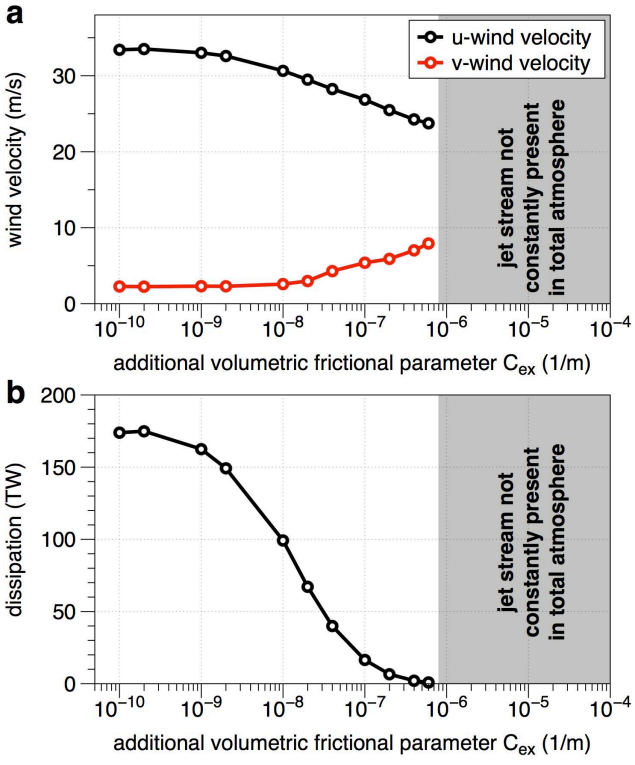

Fig. 5. Sensitivity of jet stream dynamics to the intensity of kinetic energy extraction C_{ex} from jet streams with $v_{jet} = 25\,m\,s^{-1}$ in terms of **(a)** the mean u- and v-wind velocities at 200 hPa and **(b)** the dissipation rate within those atmospheric regions at which the wind velocity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

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