Interactive comment on "Active tectonic field for CO$_2$ Storage management: Hontomín onshore study-case (SPAIN)" *by* Raúl Pérez-López et al.

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Sorry for the first post... the mathematical calculations were automatically changed by the letter font

here you are a clear text:

We have used the expression Mo(max) (Nm) = G x V (McGarr 2014, eq. 13) Where G for the upper limit is 3 x 10exp10 Pa and V is 5.56 x 10exp3 m3 for the total injected volume (room conditions). The result is 1.65 x 10exp14 Nm (Joules), which corresponds to Mmax = 6.025 of the maximum Richter magnitude by applying the equation Log E = 11.8 + 1.5 x M; where Log is the logarithm to the base 10, E is the seismic released energy in Joules, and M the Richter magnitude.

Interactive comment on Solid Earth Discuss., https://doi.org/10.5194/se-2019-196, 2020.