

Interactive comment on “The radiative forcing potential of different climate geoengineering options” by T. M. Lenton and N. E. Vaughan

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There was one significant error we have spotted in Table 2: for air capture and storage on the 2100 timescale, using the approximation (9) to calculate RF breaks down and using (8) and the calculated value of CO₂ is more accurate, giving -2.5 W m⁻² rather than 2.0 W m⁻² (also on the 2050 timescale -0.69 W m⁻² becomes -0.74 W m⁻²). All other values in Table 2 are correct to within 5% (and in most cases much better) when comparing the approximation (9) to the full calculation (8). We will revise the numbers accordingly in revising the paper.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 2559, 2009.

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Discussion Paper