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

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Section 3.1.4: We will correct the statement about fertilising "a large patch" to "several small areas". We recognise that there is a scale mismatch between the proposed application to the Southern Ocean to protect the West Antarctic ice sheet and our calculation of a global radiative forcing potential. We will put in a sentence to clarify the intended regional benefit of regional deployment. We will also revise upwards our estimates of the change in atmospheric albedo and radiative forcing based on our response to referee #2.

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