

Interactive comment on “How unusual was autumn 2006 in Europe?” by G. J. van Oldenborgh

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Dear Dr. van Oldenborgh,

you try to explain the temperature in De Bilt by several circulation dependent and independent contributions (eq. 2-4). In discussing the circulation-dependent terms you mention the possibility that the circulation changes in response to global warming but argue that the effect is small. However, not only the circulation might change, but also the temperature field. For instance, southerly wind may transport relatively warmer air northward than in the past. This would alter the coefficients A_S and A_W in eq. 3. Did you take this possibility into account? Can it be neglected?

Regards, Andreas Sterl

Interactive comment on Clim. Past Discuss., 3, 811, 2007.