

Interactive comment on “Temperature trends at the Mauna Loa Observatory, Hawaii” by B. D. Malamud et al.

Anonymous Referee #1

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Article is well written and technically sound. The only point, which the authors may wish to address is the fact that a key result of the study finds a strong agreement between the changes in temperature at Mauna Loa and the local radiative forcing from the enhanced GHG.

The authors do point out that large-scale climate modes such as the PDO influence the behaviour of the temperature field at this site, but since the agreement with the radiative forcing appears quite strong, it begs the question of what the quantitative influence of changes in SST patterns in the region of Hawaii may have been.

Interactive comment on Clim. Past Discuss., 6, 1685, 2010.