

Interactive comment on “Climate change as a driver of future human migration” by Min Chen and Ken Caldeira

Min Chen and Ken Caldeira

kcaldeira@carnegiescience.edu

Received and published: 16 July 2020

1. Jonathan Buzan suggested that we present results in terms of “per degree warming”. We have taken this advice on board and included a new panel to Figure 3 in terms of temperature. This substantially improved the paper. The results collapse nicely when plotted against global mean temperature rather than time. Thank you for this suggestion.

2. Jonathan also pointed out that we ignored the temperature-humidity relationship and its effect on heat stress. We agree that this would be good to do, and a future study could address this. Our project idea was to use the methods and database that Nordhaus used to estimate climate effects on GDP to estimate climate effects on

Printer-friendly version

Discussion paper



population density. Humidity would be a good topic to address in future studies. I am not what the correlation is between humidity and precipitation, but some of the humidity effect might be picked up by the precipitation variable.

Interactive comment on Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2019-79>, 2020.

Printer-friendly version

Discussion paper

