Geophysical Research Abstracts Vol. 19, EGU2017-13864, 2017 EGU General Assembly 2017 © Author(s) 2017. CC Attribution 3.0 License.



Human health impacts avoided under the Paris Agreement on climate change

Dann Mitchell

Oxford University, AOPP PHYSICS, Banbury, United Kingdom (mitchell@atm.ox.ac.uk)

This analyses makes use of the experiments and model data from the Half a degree Additional warming; Prognosis and Projected Impacts (HAPPI; www.happimip.org) analysis (Mitchell et al, 2016a). HAPPI is unique in that it is specifically designed to address the Paris Agreement priorities on climate impacts, by using equilibrated climates and super-ensembles, thereby enabling robust analysis of extremes.

Here we first look at extreme hot and cold spells, and then make use of the most recent heat-mortality models, and heat stress metrics to look at any differences between 1.5C and 2C worlds compared to normal.