

Dear Bronwyn Wake:

We hereby submit a manuscript entitled “Climate Change Projected to reduce European Life Expectancy” by Mathew E. Hauer and Alexis R. Santos to be submitted as a Letter to *Nature Climate Change* for consideration of publication. There is no financial interest to report. We certify that the submission is original work and is not under review at any other publication.

Recent studies in *Lancet Planetary Health*, *Science*, *Nature*, and *Nature Climate Change* have examined the mortality impacts of climate change. Our work is the first comprehensive analysis of the impact this mortality will have on life expectancy at birth. We find that cost of inaction on climate change could cost some Europeans up to one year of their life! Our conclusions are of outstanding scientific importance and are of interest to an interdisciplinary readership concerning the future of society.

This should also be of tremendous interest to a popular audience as we clearly situate these anticipated reductions amongst modern major killers. For some countries, Climate Change could emerge as one of the top 3 killers! We also provide complete life tables for countries analyzed and r code to reproduce our work in its entirety. This is first major study to examine the implications of climate change on human longevity. Climate change impacts with findings such as ours headline major media outlets such as the *New York Times* or *The Guardian*.

I anticipate this work to be of incredible interest to the diverse readership of *Nature Climate Change* and to popular audiences. Thank you.

Sincerely,
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