Reviewer’s report

Title: Building-related health impacts in European and Chinese cities: a scalable assessment method

Version: 4 Date: 22 May 2015

Reviewer: Eduardo O de Oliveira Fernandes

Reviewer's report:

Major Compulsory Revisions

To eliminate the reference to the Chinese cities.
The reference to Chinese cities, even if the latter have been involved in previous related studies, seems in this case a bit abusive since there are no results presented for the Chinese cities.

Make more clear the link between buildings and health through 'building heating energy sources and technologies'.

Ellaborate on the link energy-particles-health that leads to the Daly's accounting. This explanation is necessary also to give a better balance to the paper which focussed on the sources and is not that explanatory on the link sources-exposures-effects.

The process of estimating the health impact is not properly introduced, explained and justified, namely, when bearing in mind the fact that the impact of the indoor air is not addressed.

Please clarify and harmonize the numbers reported in whole manuscript and the tables. In addition, the results reported in Table 1 are overly precise.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'

EO Fernandes