

Interactive comment on “BRICK v0.1, a simple, accessible, and transparent model framework for climate and regional sea-level projections” by Tony E. Wong et al.

Anonymous Referee #2

Received and published: 9 March 2017

The manuscript, “BRICK v0.1, a simple, accessible, and transparent model framework for climate and regional sea-level projections, describes and open-source, modular modeling framework to investigate change in global and regional sea level. The authors details the modeling framework well all with conveying the value of this type of modeling. I suggest publication with a few minor comments to be addressed below.

1. My main concern is that the model is contained in a zip file. This made it difficult to look at the structure and code without downloading the whole package. For maximum visibility and reproducibility it would be great to publish this model on github or bitbucket. This would allow for easy code review, version control, and issue tracking etc.
2. I would be useful to the reader to make it clear upfront that you are coupling multiple,

C1

already published, models together.

3. A description of the inputs and outputs along with the spatial and temporal scales and rough run times would be useful. For example, does the model take in an emission pathway? Concentrations? Only CO2?

4. Does the user have to calibrate the model? Or does the model come already calibrated?

pg1 ln17 ‘easier to reproduce’ Easier than what?

Section 2.2.2 - are there instructions on how to incorporate new datasets?

pg7 ln14 – what data is used for this comparison?

pg7 ln14-21 – I suggest expanding this paragraph a bit more.

pg9 ln31 - are the projections in the manuscript all relative to this mean?

Figure 2 – the coloring on my end was hard to see.

Interactive comment on Geosci. Model Dev. Discuss., doi:10.5194/gmd-2016-303, 2017.