

Interactive  
Comment

***Interactive comment on “An assessment of uncertainties in using volume-area modelling for computing the twenty-first century glacier contribution to sea-level change” by A. B. A. Slangen and R. S. W. van de Wal***

**B. Raup**

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Dear Ms. Slangen,

This initial comment is related to the graphics; I may have further comments after more time with the paper. My main issue is with the pie charts. First, within each pie, the slices are not sorted by size, making it difficult to figure out the ranking of contributions by region. Second, one would naturally like to compare contributions of a given region depending on inventory, but this pie-to-pie comparison is very difficult. I recommend

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having a look at the ideas presented at

<http://www.perceptualedge.com/example16.php>

and then redoing these figures as side-by-side bar charts, along the lines of the last example on that page, which is the author's suggested "best".

Also, I strongly recommend including only SI unit symbols in the units in the parentheses on axis labels. For example, replace

Global average GIC sea-level contribution, cumulative w.r.t. 1990 (cm SLE)

with

Global average GIC sea-level contribution, cumulative SLE w.r.t. 1990 (cm)

See, e.g.

<http://physics.nist.gov/Pubs/SP811/cover.html>

for more guidance on that.

Respectfully, Bruce H. Raup

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Interactive comment on The Cryosphere Discuss., 5, 1655, 2011.

TCD

5, C534–C535, 2011

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