

### **Technical comments from Richard Essery**

The authors have addressed my review comments. One error that I missed in the first review is that I think that the left-hand sides of equations 8 and 12 should be  $C_t$ , not  $1/C_t$ , to be dimensionally correct; compare with equation 16 of D95. Otherwise, the revised manuscript is scientifically acceptable. Some copy editing to correct English errors will be required before publication.

→ The manuscript has been corrected according to the equations found in the original publication of Douville et al., (1995).

### **Comments from the topical editor**

For my part, I am asking you to check that all links and DOIs to code & data are still up to date after the revisions.

→ A new version of the zenodo repositories has been created and references have been updated in the manuscript accordingly.