

***Interactive comment on “Model sensitivity to  
North Atlantic freshwater forcing at 8.2 ka” by  
C. Morrill et al.***

**M. Kageyama (Editor)**

masa.kageyama@lsce.ipsl.fr

Received and published: 16 November 2012

Dear authors,

I have now received the reviews of your manuscript from two referees. Both reviews are positive about your work and the quality and relevance of the simulations presented in your manuscript. Nonetheless they suggest some corrections and additional analyses. In particular, Reviewer 1 stresses the importance of a more complete discussion about the (fresh water discharge) scenario used in the simulations as well as a more complete description of the models used for the simulations. Reviewer 2 suggests complementary analyses of the consequences of the fresh water discharge, namely in terms of gyre circulation. It would indeed be very interesting if such complementary analyses could be carried out and the impacts on both the AMOC and gyre circulations

C2397

be compared.

You are therefore invited to address these comments both in a detailed response to the reviews and in a revised version of the manuscript.

---

Interactive comment on Clim. Past Discuss., 8, 3949, 2012.