

end of the range would apply. It is much more likely that the actual rates of rise are near the mean value (1.6 m per century).

It is hard to say what the implication is for the immediate future. I would prefer to turn that around, if I may. The implication of our study is that it is critical that dynamic ice-sheet processes are better quantified and incorporated in the ice-sheet models that feed into the IPCC process. Once that is done, then projections can be made with the 'improved' models for future sea-level rise. I think that ultimately we will find that we best prepare for rates of 1.5 to 2 m per century, or more, to be on the safe side. Nature is telling us something: sea-level rise can be very rapid indeed, and we underestimate it at our own peril....

Reference:

Rohling, E.J., Grant, K., Hemleben, Ch., Siddall, M., Hoogakker, B.A.A., Bolshaw, M., and Kucera, M., High rates of sea-level rise during the last interglacial period. *Nature Geoscience*, in press (2007).

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