Interactive comment on “Abrupt change in climate and climate models” by A. J. Pitman and R. J. Stouffer

I. Goodwin (Referee)
ian.Goodwin@newcastle.edu.au

Received and published: 20 September 2006

OVERALL COMMENTS

This paper is an excellent review paper and is very readable. I have no hesitation in recommending publication.

My only suggestions for improvement are as follows:

1. The abstract is rambling and very speculative. It could be tightened up, especially the second half to clearly state their key findings.

2. Conclusions section. The last four sentences are confusing and perhaps contradictory. They need to be revised to be more explicit about the need to know about abrupt
climate mechanisms, the implications for now and post 2050, and what is meant by longer term.

Dr Ian Goodwin