

Review 2 of Sime et al, 2016

I have read both the comments of the three reviewers of this paper as well as the answer to these comments by the authors.

All points raised by the reviewers seem to have been taken into account, hence the paper can be accepted. There are still some very minor points I would like to see addressed:

1. I find it odd to call the “Southern westerly winds” “Southern Ocean westerly wind jet”...mixing up oceanic and atmospheric features. The winds are in the atmosphere, blowing over “southern ocean” latitudes. I would change this both in the abstract (line 1) and Introduction (line 26) and elsewhere.
2. Discussion of lines 24-28: I would include reference to work that do indicate a correlation or relationship between the deglacial CO₂ evolution and Antarctic temperatures, that let to the hypothesis that there must be Southern Ocean control.
3. Summary and conclusions: lines 294-297: say something about the Pacific.