

***Interactive comment on “Understanding climate processes in the Murray-Darling Basin: utility and limitations for natural resources management” by A. J. E. Gallant et al.***

**A. J. E. Gallant et al.**

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We thank the reviewers for their constructive comments and agree with the broad criticism that the paper in its current form is not focused enough for the natural resource management community.

We have alleviated this major criticism by re-writing sections of the introduction, and re-writing/re-structuring much of section 5. Specifically, we have introduced a qualitative framework for NRM in Section 5 that breaks down a climate event into its basic characteristics and compares these to those features that are similar to known mecha-

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nisms causing climate variations. This helps to isolate the potential causes of particular climatic events in the Murray-Darling Basin and we apply the 1997-2010 drought to this framework. Fundamentally, the framework was implicitly applied in our previous version of Section 5, but it was not explicitly broken down into simplified elements.

A complete manuscript has been uploaded that includes changes we have made in response to the reviewer comments. Responses to the major and specific comments from each reviewer are also included in a separate document.

Let me know if you require anything else from us...

Thanks Anthony Kiem

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/8/C5642/2012/hessd-8-C5642-2012-supplement.zip>

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 7873, 2011.

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