Submission 003 Date received: 08/07/2011



Palmer, Tamara (REPS)

From: Jamie Morton

Sent: Friday, 8 July 2011 4:05 PM **To:** Committee, CCEA (REPS)

Cc:

Subject: Submission on the Enquiry into Australia*s biodiversity in a changing climate

To whom it may concern

please accept this email as a submission by the Northern Rivers Catchment Management Authority to the Enquiry on Australia s biodiversity in a changing climate.

On nationally important ecosystems, we recommend these be considered in two categories:

- 1. Those clearly threatened by accelerated climate change; and
- 2. Those where the response to accelerated climate change is poorly understood (ie they may well be threatened, but we really dont know these may be the ones that surprise us)

On the Terms of reference, we suggest the following be included:

- 1. A systematic approach to monitoring changes and utilising citizen science to assist (which could be related to existing "mechanisms which enhance community engagement")
- 2. A Synthesis of current evidence regards impacts on fauna, flora and ecosystems (ie an evidence based approach).

As an example of opportunities in utilising citizen science, the Atlas of Living Australia has developed a citizen science module, which could be modified to include opportunities for people to record "wildlife/natural events" as well as siting's of individual species. Information on events may become quite valuable in a changing climate and at present there is no central means for the community to record "events" and or for researchers to access observed events of possible interest. For example a person witnessing a mass movement of frogs or of fish etc.

Please direct any questions about this submission to myself on

Yours Sincerely

Jamie Morton
Catchment Co-ordinator Terrestrial Northern Rivers CMA
Ph:
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on Behalf of the NRCMA
authorised by A/General Manager, Royce Bennett

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