

## ***Interactive comment on “A probabilistic risk assessment for the vulnerability of the European carbon cycle to extreme events: the ecosystem perspective” by S. Rolinski et al.***

**José M. Moreno (Editor)**

josem.moreno@uclm.es

Received and published: 1 October 2014

Comments to the authors

I acknowledge the discussion and responses provided by the authors to the comments submitted by the reviewers. Indeed, the reviewers identified a number of shortcomings and limitations of the paper that need attention, as acknowledged in your response to them.

I look forward to receiving a revised version considering all the points raised by the reviewers, following the argumentation provided in your response to them. In doing so, let me stress some of the main points raised by the reviewers: 1. The issue of model  
C5595

data vs. experimental data and the limitations thereon need to be fully captured in your presentation of the approach and discussion. 2. The suitability of the DGVM models to fully capture future changes in ecosystem vulnerability, as a result of responses to both press-type situations (e.g., cumulative drought) or extreme events. 3. Limitations of model processes related to fire in Europe.

Finally, both reviewers mentioned that the text needs major reworking to make it more precise and readable.

Toledo, October 1st 2014

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Interactive comment on Biogeosciences Discuss., 11, 10167, 2014.