

## ***Interactive comment on “The large-scale impact of climate change to Mississippi flood hazard in New Orleans” by T. L. A. Driessen and M. van Ledden***

### **Anonymous Referee #2**

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The paper describes a modelling exercise for the Mississippi river and calculates scenarios when climate change could occur. In general is well written and can be accepted when the following (minor) changes are implemented: - In general the paper needs to be revised with respect to the tenses (now frequently the present is used when simple past is needed: present when it is a general statement, simple past when it relates to the executed work). - The abstract needs to be revised accordingly. - Pg 335, line 2: delete “in all its greatness” (subjective, not a scientific expression) - Pg 335, line 2: is 41% in terms of area or in terms of water flow? - Pg 336, line 24: use “paper” instead or “article” - Pg 337, line 15: you mean “justifies” instead of “validates”? - Pg 338, line 2-4: Delete the sentence about general statement of calibration - Pg 338, line 5-6: delete “such... river”. - Pg 338, line 7: delete “earlier mentioned” - Pg 338, line 21 and further: the results of calibration should be presented in the “Results” section

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(3), rather than in the “Materials and Methods” section (2). - Pg 339, line 5: place comma after “formed” and delete “it means. . . and by” - Pg 339, line 12 and further: the results of validation should be presented in the “Results” section - Pg 339, line 17: delete “The maximum. . . exceptionally well” (subjective statement). - Pg 339, line 21: Replace “This is . . . the fact that” by “Probably because” - Pg 340, line 15-19: rephrase sentence (three times “projections”), e.g by replacing “when a . . . into account” by “during the reference discharge”. - Pg 341, line 27: delete “in particular”. - Pg 342, line 8: replace “work. . .above” by “paper” - Pg 342, line 10: delete “has” - Pg 342, line 12: delete “legitimately”

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Interactive comment on Drink. Water Eng. Sci. Discuss., 5, 333, 2012.

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