

### **Review of the manuscript nhess-2018-134-version4**

The authors addressed all issues raised by the reviewers. Their argumentation regarding these issues and their choices is satisfactory. They were able to underlay their reasoning with sound arguments and additional analyses. Especially, their new Figure A2 is impressive, as it contains a huge amount of information, with respect to the uncertainty of the 20CR ensemble and is still being well comprehensible (with large magnification on a computer screen). I recommend this manuscript for publication as is.