Manuscript nhess-2019-61 "AGRIDE-c, a conceptual model for the estimation of flood damage to crops:development and implementation

Reviewer 2 , 10th Oct 2019 reviewer reply to author responses and revised manuscript

I note the responses by the authors to my comments and consider that they have addressed them for the most part satisfactorily.

A few points remain. I leave it to the editor how best to address them.

Regarding Ordering of Contents. I note the changes made, thankyou.

In my view table 1 is clearly not part of the introduction but part of methods and should go there, and there is not reference to it before it appears , and figure 6 should go in the results of the case not in discussions (The title to the table refers to results)

I note the response to my comment re listings . In my view it is not possible to move from a conceptual model to an operational one without a list of metrics. The chosen metrics define the scope of the model, and vice versa.

The authors might want to consider the approach towards harmonization of damage estimates for sources of hazards and major sectors such as :
Rios Diaz F., Marin Ferrer M., *Loss Database Architecture for Disaster Risk Management* EUR 29063 EN, Publication Office of the European Union, Luxembourg, 2018, ISBN 978-92-79-77752-3, doi:10.2760/647488, JRC110489.. This includes an Italian FLOODcat Application.

A few specifics :
P1 Line 28, insert -and costs
P2, L1, injury, loss of life, or their property?
P3 L 14, subsidies
P3, L16 insurance: this has definitely not been the case for crop damage in the UK
P4 L10 not clear what this refers to , you mean that 'in practice a proportion of yield is lost', ?

P9, L24, - perhaps should explain this is the total value of farm outputs , and this applies to a production cycle , typically a year

P13, L13, see comments about the need to express these to a base year using 'constant' prices, eg 2015 values . not done here but should do it. Guidance usually requires estimates expressed to a constant price base, eg 2018 prices. This is essential if the model outputs are used to guide investment decisions, especially during periods of high inflation. Furthermore agricultural output prices may be inflating at different rates than flood infrastructure costs. A comment on this might be useful, that annual prices series need to be adjusted to a constant price base to adjust for inflation if appropriate.

P13,13, make it clear these do not include automatic entitlements to direct farm income support

P13, L17 are these price books better referred to as 'Regional Farm Management Books'?

P20, L19, activities, as it is typically the case of river restoration actions, included in "integrated river basin management" projects , better to rephrase as '

including integrated river basin management" project and river restoration actions

P20, L30, there may be no choice if reseeding is not feasible and some costs can be avoided

P21, L2, make it clear what the % refer to : NM

P21, L26 convenient = appropriate

Acknowledgements :

Suggest you thank the reviewers (not to name them) in order to recognise the importance and benefit of the review system