

Interactive comment on “Agro-hydrology and multi temporal high resolution remote sensing: toward an explicit spatial processes calibration” by S. Ferrant et al.

Anonymous Referee #2

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This is an interesting article. I have only a few minor suggestions of modification detailed below.

1. There are some remaining typo and grammar mistakes that should be corrected. A few sentences need rephrasing. Correction by native English could be useful.
2. P. 7696, L. 6: Define “HTSR”
3. P. 7698, L. 7: Which PE formulation is used?
4. I felt a bit lost in the period used for analysis: several similar periods are used throughout the text (2006-2010 p.7698L12 and elsewhere; 2005-2010 p.7698L22; C4491

2006-2012 p.7698L25). Does this need harmonization or are these differences justified? (in which case this should be further explained).

5. P. 7701, L. 19: What is “ref?”
6. P. 7702, L. 19: Is “emergency” the right term?
7. P. 7704, L. 9-10: NSE and RMSE are both based on the same model error (MSE). How were they combined here?
8. P. 7705, L. 7-14: Model performance appears quite poor. Are there explanations for that?
9. P. 7712, L. 15: “STICS”
10. Figures: Beware of font size. Some texts are difficult to read in figures (figures 5a, 6, 7, 8, 10).
11. Fig. 2: The equation symbols should be explained in details somewhere in the article, either in the text or in the figure caption.

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