

## ***Interactive comment on “Seasonal streamflow forecasts for Europe – I. Hindcast verification with pseudo- and real observations” by Wouter Greuell et al.***

**Wouter Greuell et al.**

w.greuell@hetnet.nl

Received and published: 9 March 2017

We are pleased with the generally very positive evaluation of our paper by RC1 and thank him/her for his/her detailed textual comments, many of which will be acted upon as suggested and will improve the readability of the paper. We adopt most of the suggested textual improvements and specified our action to every remark in the annotated report hess-2016-603-RC1-author-reply.pdf . One point of discussion will be highlighted below.

Wrt to the use of the wording pseudo- and real-observations in the title and through-out the paper: we have thought about the wording used and are aware of the meteorological ‘convention’ to use the word analysis or reanalysis instead of pseudo observations.

[Printer-friendly version](#)

[Discussion paper](#)



However, the methods used in meteorological (re)analysis nearly always involve some sort of assimilation of data, be it simple Newtonian nudging or more complex types of 4D variational analysis to adjust models states to observed values . That is not the case here. We simply simulate the hydrological state of a region by forcing the hydrological model with the 'best possible reconstruction' of near surface meteorology present at the start of our research. Moreover, the use of the word (re)analysis is not main stream in hydrology as shown on lines 71-74 page 3 of our paper. Since only 603-RC1 and 604-RC1, which we believe to be the same person (given similarities in style), and none of the other three reviewers make the point to change the wording, we will stick to our wording, while stressing the distinction between meteorological analysis and our type of analysis even more in support of this choice (in the same paragraph, p3 line 70 etc).

Altogether, we believe that by following most of the recommendations by both RC1 and RC2 we will be able to significantly improve the structure and readability of the paper, largely rewriting the introduction and discussion sections. Prior to resubmission we'll have a language check done by a native speaker.

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/hess-2016-603/hess-2016-603-AC1-supplement.pdf>

---

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-603, 2016.

Printer-friendly version

Discussion paper

