

Dear editor,

Thank you for your comment. Yes, deterministic flood forecasting systems in Switzerland already account for antecedent conditions and thus for antecedent precipitation. However, deterministic flood forecasting systems exist only for larger mesoscale catchments. We were thinking of (sub-) catchment areas which are not explicitly covered by deterministic flood forecasting systems. We intended to suggest that the possibilities of improvement/refinement of the treatment of antecedent precipitation in such catchments should be considered first for the areas where antecedent precipitation is significantly linked to floods. We did not mean to say that flood forecasting systems in Switzerland do not account for antecedent precipitation. To avoid confusion we propose to adapt the sentence at lines 1051-1055 as such:

« The results presented here may thus also motivate particular efforts to take benefit from information about the antecedent precipitation for flood warning in areas where antecedent precipitation significantly influences flood probability, given that these areas are not covered by more sophisticated deterministic flood warning systems. »

We uploaded an adapted manuscript.

Best regards,  
The authors