

Interactive comment on “Estimating annual effective infiltration coefficient and groundwater recharge for karst aquifers of the southern Apennines” by V. Allocca et al.

V. Allocca et al.

vincenzo.allocca@unina.it

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We appreciate the general and specific comments given by A. J. Long Referee #3, which will allow us to improve the manuscript by resolving a series of potential misunderstandings and to valorize the applicative role of the proposed coefficient. To clarify its meaning and resolve apparent inconsistencies of its equation (e.g. lack of runoff), we intend to re-write its formula and the preceding ones, also changing the denomination of some parameters of the hydrological budget equation. Specifically, we intend to explain differences existing between our coefficient and that proposed by Drogue (1971) and Bonacci (2001) as briefly described in our comments to the observations

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given by the Anonymous Referee #2. Finally, more detailed evaluations of the useful suggestions made by A. J. Long Referee #3 will be carried out in the document accompanying the revised version of the manuscript.

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