

Interactive comment on “A risk assessment methodology to evaluate the risk failure of Managed Aquifer Recharge in Mediterranean basin” by Paula Rodríguez-Escales et al.

Paula Rodríguez-Escales et al.

prescales@gmail.com

Received and published: 30 April 2018

GENERAL COMMENTS: This paper is presenting a risk assessment methodology to evaluate the risk failure of six MAR sites in Mediterranean basin using PRA-FT and highly recommend to publish with minor revision.

RESPONSE: We thank Dr. YongCheol Kim for his comments and suggestions. In the spirit of HESS discussions, we discuss below the issues that are potentially controversial or that require further explanations. Editorial corrections will be included in the revised manuscript, when a full response to all reviewer comments will be produced, but are not addressed at this point.

C1

COMMENT 1: As a result and conclusion, it is stated that non-technical factors such as legal constraint due to lack of legislation, social aspects and economic constraints are most significant ones contributing more than the technical issues to the overall risk assessment. This means, I think, the technical factors in quantity and quality have been studied and solved in many scientific research efforts. So I would suggest the authors to include the necessity and importance of future works to lower the risks by the non-technical factors to make MAR methods to be effective solution for water issues in the end of conclusion.

RESPONSE: We agree with the reviewer. We will highlight in the Conclusions that further research in non-technical aspects is needed to lower the risks in Managed Aquifer Recharge.

We will also include all the technical corrections in the last version of the manuscript.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2018-8>, 2018.

C2