

Interactive comment on “Mechanism of groundwater inrush hazard caused by solution mining in multilayer rock salt mine area: a case study in Tongbai County, China” by Bin Zeng et al.

Bin Zeng et al.

zengbin_19@126.com

Received and published: 1 September 2017

Dear Referee and Editor:

Thank you for the valuable suggestions. We have carefully read through the comments, and our responses to the referee's questions are listed below. We greatly appreciate your time and efforts to improve our manuscript for further revision and publication.

1. The paper “Mechanism of groundwater inrush hazard caused by solution mining in multilayer rock salt mine area: a case study in Tongbai County, China” shows the case studies of a mining area with geo-environmental problems. The work is quite

C1

complete, analyzing various aspects of environmental hazards in the exploitation of saline deposits with the solution mining technique. Authors improve the study also with a water-rock interaction simulation based on the PHREEQC software. Please check the space before the units. It lacks a lot of time. Check also the right citation of the figures, as highlighted in the attached file.

Re: (1) The author will check all the space before the units and add them if lacked in the manuscript. (2) The author will also check and revise some of the figure citations in the manuscript. (3) The author will also revise the few problems that the referee marked in the supplement.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2017-118>, 2017.

C2