

***Interactive comment on “Geomechanical modelling of sinkhole development using Distinct Elements: Model verification for a single void space and application to the Dead Sea area” by Djamil Al-Halbouni et al.***

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Dear René Tussaint, I would like to thank you very much on behalf of all co-authors for the comments and suggestions given in the review of the manuscript, especially the thoughtful ideas regarding the stress states in the sinkhole models. We would like to address all comments and issues by these answers which can be found in the supplement pdf. Some parts of the manuscript were rewritten to improve the readability without changing the scientific content, these are highlighted in the re-submitted version.

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With best regards on behalf of all co-authors,

Djamil Al-Halbouni

Please also note the supplement to this comment:

<https://www.solid-earth-discuss.net/se-2018-62/se-2018-62-AC2-supplement.pdf>

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2018-62>, 2018.

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