



Interactive comment on “Appraisal on inversion algorithm techniques in 2D electrical resistivity tomography survey data for poised mapping of subsurface features” by Abhay Kumar Bharti et al.

Anonymous Referee #2

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This paper address ERT numerical simulation, inversion schemes and application in field.

Anyway it is very difficult to identify the main innovative contribution of authors to this topic.

The numerical simulation part leans on available software for direct and and inversion schemes. Unfortunately there is conclusions does not show progress from existing works already published.

For the field application, the presented results are in phase with previous numerical

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part, but no deeper analysis is proposed. Note that there is a problem with figures numbering in the text for this part that match numerical part and not field experiments part.

Globally this paper presents an application of existing methods available in an existing software but should have take benefit of deeper discussion on inversion schemes and possible improvement proposal . For the field experiments, results analysis should have been enhance by addressing a deeper quantitative analysis completed by tomographic view.

For all these reasons I suggest rejection of the manuscript

[Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss.,
https://doi.org/10.5194/gi-2020-25, 2020.](https://doi.org/10.5194/gi-2020-25)

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