

***Interactive comment on “A partially-coupled hydro-mechanical analysis of the Bengal Aquifer System under hydrological loading” by Nicholas D. Woodman et al.***

**Anonymous Referee #1**

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This paper is about a partially-coupled hydromechanical modeling of an aquifer. Authors have used a simple coupling scheme for this purpose. In terms of novelty, I don't see any new method or development. The only new thing I can see here is just the application, which I think is not enough. Besides, due to using the commercial software, COMSOL, the results do not seem too realistic. I expected to see some 3D models representing the deformation because of the loading. Therefore, this paper is not a journal paper and I don't recommend its publication.

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