Interactive comment on “Hydrochemical and isotopic evidences for deciphering conceptual model of groundwater salinization processes in a coastal plain, north China” by Dongmei Han

Anonymous Referee #2

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General comment

The paper by Han describes the groundwater salinization processes and its induce-
ment of a coastal aquifer. In the paper, a database of chemical and isotopic data is
discussed to evaluate the hydrogeochemical processes governing groundwater flow in
the aquifer and the overall quality of the water resources. The paper is mainly descrip-
tive, and applies some geochemical processes to explain the behavior of the aquifer.
Nevertheless, the way it has been focused is constrained to a regional study. The intro-
duction is overelaborate without giving a straightforward idea of what the paper would
like to present. The way how the geochemical data is explained is pretty much like
those papers that are cited in the references. Meanwhile, it lacks new understandings
of coastal aquifers in general. The paper is organized in some way but for a publication
in a top International Journal, I consider that it does not constitute a valuable scientific
contribution.