

Interactive comment on “The role of karst in engineering and environmental geosciences” by H. C. Ho

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Dear Dr. Gomez-Pujol, Thanks for your kindly reply of the weakness of my paper. It totally states the problem of the paper and is helpful to use it as the major revision of the paper. It was a “short communication” paper; therefore, the paper was rather short and could not state every examples/case studies in karst research. The main aim of the paper was to create a discussion of current status/concept of the role of karst in environmental and engineering geosciences. However, based on your comment, this paper would rather re-write as a long review instead of a short communication to develop a better environment for researchers to brainstorm. For the specific comment, more examples will be put to maintain a better world scenario. And for the island karst’s comment, after reading the literature again, it seems that it is still workable to

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use island karst to separate from traditional karst setting. The definition of island karst is different than karst on island. In Mylroie’s papers, it indicated that some of the islands may have both traditional karst formation and sea-level involved formation. Therefore, he developed a set of island karst models to explain those evidences. This paper will try to write deeper in it so as to make the classification be clearer but not confusing others. For the flaw of continental karst, it would try to go deeper in the understanding of endokarst and exokarst, and correct the flaw by your suggestions.

Interactive comment on Solid Earth Discuss., 3, 149, 2011.