

Interactive comment on “Palaeostages of the Caspian Sea as a set of regional benchmark tests for the evaluation of climate model simulations” by A. Kislov et al.

A. Kislov et al.

avkislov@mail.ru

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We agree that the discussion gets out of proportion because it includes a lot of problems which do not belong to the subject of current manuscript. Concerning the role of evaporation during the LGM, I want to remind that our previous calculations of the CS level (Kislov, Toropov, 2011) were based only on Volga runoff changes at 21 ka BP and modeling results correspond well to palaeohydrological observation. These results indicate that the data on the runoff change alone can be used as principal source of level variability. It is especially important because the climate models are not yet able to provide accurate values of evaporation from the lake area. The authors are grateful

for the constructive comments, suggestions and discussions of professor Arpe.

Reference Kislov, A. and Toropov, P.: Modeling extreme Black Sea and Caspian Sea levels of the past 21,000 years with general circulation models, in: Geology and Geoarchaeology of the Black 15 Sea Region: Beyond the Flood Hypothesis, edited by: Buynevich, I. V., Yanko-Hombach, V., Gilbert, A. S., and Martin, R. E., Geological Society of America, Special Paper 473, 27–32, 2011.

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