Hydrol. Earth Syst. Sci. Discuss., 9, C5816–C5817, 2012

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Interactive Comment

Interactive comment on "Effects of climate change and human activities on runoff in the Nenjiang River Basin, Northeast China" by L. Q. Dong et al.

L. Q. Dong et al.

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[Comment] While the authors attempted to respond to some of the comments raised, I am still not convinced that there is novelty in this study as mentioned by another referee. The scientific approach is very sluggish, the approach used to separate effects of climate change and human activities is too simplistic as some of the hydrological processes are not well represented in that approach.

[Response] Thank you for your comments. We fully respect your opinion and acknowledge that the method used in our study to separate the effects on runoff between climate change and human activities may be not superior and needs improvement in future studies. Nonetheless, the findings gained from our study are plausible, sup-

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ported by the data collected, and provide crucial information for regional planning of water resources as climate continues changing in this high latitude region.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 11521, 2012.

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9, C5816-C5817, 2012

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