

Interactive  
Comment

## ***Interactive comment on “Development and evaluation of an operational SDS forecasting system for East Asia: CUACE/DUST” by C. H. Zhou et al.***

C. H. Zhou et al.

Received and published: 31 August 2007

Q: The deadly mistake in this paper is that the author didn't prove the dust flux accorded with the actual data, therefore all of the conclusion are unlikely. The author should give a figure to show the dust flux, compare the flux with desert, sandlot and wadi, prove the flux, the transportation and the deposition are all right, otherwise this paper is only a digital game.

A&#65306;The comment on this paper lacks the fundamental understanding of the soil dust model and its applications. Up to now, there is no real time sand flux observation or so called actual data except for a small number of pilot field campaigns. The evaluation of the modeling system has been done extensively in the literature, which

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follows the scientific guideline used for many soil dust models. We have no comments on the “digital game” for a modeling system if the person lacks the basic knowledge of atmospheric modeling.

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Interactive comment on Atmos. Chem. Phys. Discuss., 7, 7987, 2007.

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