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Natural Hazards and Earth System Sciences
Discussions

Interactive comment on "A GCMs-based mathematic model for droughts prediction in the Haihe Basin, China: Multi-GCM Divide-Integration" *by* Dongmei Han et al.

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Dear Han, D. doi: 10.5194/nhess-2016-150 Title: A GCMs-based mathematic model for droughts prediction in the Haihe Basin, China: Multi-GCM Divide-Integration

Recommendation: the paper is probably publishable, but should be reviewed again in revised form before it is accepted as the subject is interesting.

Additional comments: In the present work, the authors introduce and propose a new method of GCM-based to improve the skill of prediction of global climate models (GCMs). The new methods is built by multi-linear regression model. Through the results you showed, this paper introduce more about the innovations of MGDI model

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Discussion paper

with significant improvement for performance of GCMs. And a more important point is the study area selected in this paper is Haihe basin which is a focal research region with important strategic position in China, so the results obtained provided scientific and technological support for region for regional adaptation and mitigation strategies to address climate change. Other minor points are: -the overall quality of the English language is improved by native language and some sentence are not correct. -the literature view is poor, this paper should be supported by references.

Once the above concerns are fully addressed, the manuscript can be accepted for the publication in this journal.

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