

***Interactive comment on “Weak-constraint inverse modeling using HYSPLIT Lagrangian dispersion model and Cross Appalachian Tracer Experiment (CAPTEX) observations – Effect of including model uncertainties on source term estimation” by Tianfeng Chai et al.***

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Dear authors, in my role as Executive editor of GMD, I would like to bring to your attention our Editorial version 1.1: <http://www.geosci-model-dev.net/8/3487/2015/gmd-8-3487-2015.html> This highlights some requirements of papers published in GMD, which is also available on the GMD website in the ‘Manuscript Types’ section: [http://www.geoscientific-model-development.net/submission/manuscript\\_types.html](http://www.geoscientific-model-development.net/submission/manuscript_types.html)

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In particular, please note that for your paper, the following requirement has not been met in the Discussions paper:

- "The main paper must give the model name and version number (or other unique identifier) in the title."

Please provide the version number of HYSPLIT in the title of your revised manuscript.

Additionally, GMD is encouraging authors to upload the program code of models (including relevant data sets) as supplement or make the code and data of the **exact model version described in the paper** accessible through a DOI (digital object identifier). In case your institution does not provide the possibility to make electronic data accessible through a DOI you may consider other providers (eg. zenodo.org or CERN) to create a DOI. Please note that in the code availability section you can still point the reader to how to obtain the newest version.

Yours, Astrid Kerkweg

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