

## Editor Comments

Comment 1- I would like to point the authors to the program code and data access policy of the GMD journal as outlined in [https://www.geoscientific-modeldevelopment.net/about/manuscript\\_types.html](https://www.geoscientific-modeldevelopment.net/about/manuscript_types.html). Main objective of the policy is to guarantee reproducibility of the model result presented in paper. In accordance of this objective I would like to encourage to consider uploading your program code and data as supplementary material to ensure persistent access to the data. It would be also useful and interesting for the user to learn about the program environment the model code is running in and under what license the software can be used .

Response 1 –As requested, we have updated the Code and Data Availability Section to read

CA-REMARQUE was developed and executed in the Linux programming environment using standard shell scripts and FORTRAN programs compiled using the Portland Group software. All of the data necessary to calculate changes to emissions inventories are published in full in the main text and supporting information section of the manuscript. The output emissions datasets are available free of charge at [faculty.engineering.ucdavis.edu/kleeman/](http://faculty.engineering.ucdavis.edu/kleeman/). The program code is currently being updated to use the latest version of the California EMFAC software and will be posted at [faculty.engineering.ucdavis.edu/kleeman/](http://faculty.engineering.ucdavis.edu/kleeman/) when complete. Note that the CA-REMARQUE v1.0 model is separate from the CA-TIMES energy-economic model and the California EMFAC model.