

Interactive comment on “Global terrestrial isoprene emission models: sensitivity to variability in climate and vegetation” by A. Arneth et al.

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We wish to express our thanks to Jean-Francois Muller and to the anonymous reviewer for their supportive comments and constructive criticism on our manuscript, in particular also for the thorough reading and the many editorial suggestions. In response to their requests we have

- rewritten the abstract
- revised esp. the discussion section by breaking it into a larger number of paragraphs, as well as weeding out some lengthy and unnecessary sentences.

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– provided clarifications throughout the text, esp. regarding the use of satellite-retrieved HCHO; various aspects of the simulation experiments, various aspects of the models that are compared here; simulated patterns in particular in the tropical regions; and the possibility (or better: lack of thereof) of extrapolating from effects of varying present-day climate drivers towards future emission patterns.

We also adopted the careful editorial suggestions made by the reviewers and revised the manuscript throughout.

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