

## ***Interactive comment on “Importance of succession in estimating biomass loss: Combining remote sensing and individual-based forest models” by Ulrike Hiltner et al.***

**Ulrike Hiltner et al.**

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Dear editor, Dear reviewer 1,

Thank you very much for your helpful comments. Attached as supplements you will find our replies to the comments of reviewer 1 (highlighted in blue). Based on your comments, we would incorporate the following main changes to the manuscript: 1. Comparing the estimation of biomass mortality from model simulations with empirical data; 2. Adding more information on empirical studies about tree mortality and biomass loss; 3. Revising the discussion on limitations of used remote sensing products (such as LAI, forest height); 4. Improving the text for up-scaling from stand-scale to country-

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scale.

I would like to thank you for considering our manuscript for publication.

Sincerely, Ulrike Hiltner, on behalf of all co-authors

Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2020-264/bg-2020-264-AC1-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-264>, 2020.

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