

## ***Interactive comment on “Applying biomass and stem fluxes to quantify temporal and spatial fluctuations of an old-growth forest in disturbance” by S. Liu et al.***

**Anonymous Referee #1**

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This study is in on monsoon climate old-growth forest disturbances during twelve-year period. The biotic disturbance was an insect affecting Lauraceae trees. The abiotic disturbance was two landslides on a 1 hectare study area. The manuscript is worth publishing because there are not many studies on this subject.

The title and the abstract describe the manuscript adequately. The methods applied scientific and conclusions are justified.

The abiotic disturbance studied was landslides. How about climate? Did you observe precipitation or temperature anomalies and did they have any effect?

There are a few small things to be corrected:

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In text, tables and figures units should be expressed in uniform way. Please use Mg ha<sup>-1</sup> a<sup>-1</sup>, instead of /ha or t x ha<sup>-1</sup>.

In 3.3.1 page 2731 line 14 text should be corrected. It is copy of text on line 7.

In Figure 7. B and D, leave Interval I away, because it is not in the material presented in the Figure 7. In Figure 8. color scale is not optimal to distinguish between classes 0N, 5N, 10N.

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