

# ***Interactive comment on “Air temperature and light intensity in a tropical rainforest of Brunei Darussalam: Time series recorded in 2017” by Kazimierz Becek and Kamaria A. Salim***

## **Anonymous Referee #2**

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This is a very interesting proposal that seems likely to collect some useful data. However, it reads like a research proposal rather than a reporting of work that has been done. In addition there are some key aspects the really need addressing.

Much of the work is "anticipated". It seems like a great plan, it just seems to belong in a proposal rather than a journal article.

The first that needs to be addressed with the correlation between the fall through of rain and the light transmittance. If one is going to be used as a proxy for the other, it would be nice to have some idea of the relationship between them. I suspect that it is monotone, but also nonlinear. Understanding this relationship - in at least one location

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in the project zone - would enable a better metric for not just explaining that the canopy is becoming more transparent, but how much that would affect the fall through.

Finally, there is one sentence that seems to be mis-worded. Line 23 on the first page "depletion of the forest canopy's transparency" would imply that the transparency is decreasing - making the canopy more opaque. I think that they mean that the depletion of the forest canopy is causing -increased- transparency.

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-35>, 2019.

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