

Earth Syst. Sci. Data Discuss., referee comment RC1
<https://doi.org/10.5194/essd-2021-142-RC1>, 2021
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Comment on **essd-2021-142**

Kazimierz Becek (Referee)

Referee comment on "Vertical profiles of leaf photosynthesis and leaf traits, and soil nutrients in two tropical rainforests in French Guiana before and after a three-year nitrogen and phosphorus addition experiment" by Lore Talle Verryckt et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-142-RC1>, 2021

This is an excellent and (almost) complete dataset. However, it could be even more valuable if some data on monthly rainfall during the experiment were also available. In addition, you should use the insolation index instead of the T/S/B symbol making the description a quantitative one. Fig. 1 suggests that you have the contours representing the topography of the sites, which is needed to calculate the insolation index (see, e.g., ArcMap by ESRI for a tool to calculate the insolation).