

General Comments

1. Some sentences are quite length and become convoluted. I recommend splitting long sentences into shorter sentences.
 2. There are many instances where the author seems unsure of the results and will state something to the effect of “XYZ *probably indicates...*” or “ZXY *might indicate...*” The discussion of the results is fine, and while uncertainty in some areas is unavoidable it should not be the default position to ‘hedge your bets’.
 3. Parts of the Materials and Methods section can be summarised and synthesised. It is already quite a lengthy manuscript and parts of the Materials and Methods sections provide unnecessary detail.
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Abstract

Line 34 – 35: Please rephrase the beginning of the sentence: “This goes to show that during the dry season Miombo...”

Introduction

Line 55 – 56: “...and may go up to November...: - do you mean extend into November? Please change here and in the Materials and Methods section.

Line 56 – 57: Please rephrase the sentence. It is clear what you are stating but it can be stated better (...phenophases require to study the evaporation process...?)

Materials and Methods

Line 104 – 105: please rephrase: “It is also located in the largest Miombo Ecosystem component, wetter central Zambebian Miombo...”

Line 195: Please check Eq. 7 – should Δe_a not be written as $\Delta e_{a,fit}$? Please check consistency between symbols/conventions between Eqs. 5 – 9.

Line 371 – 375: Please rephrase these sentences e.g. “The 2 m length was observed sufficient length for the temperature...”

Results and Discussion

Figure 6: Please correct the unit for wind direction.

Line 558: Please correct the sentence: “The BR-DTS approach appear to have correctly captured...”

Line 572 – Line 576: Please split the following sentence into multiple sentences: “The plausible explanation for the relatively higher evaporation in August and September during the dormant phenophase could be that the leaf fall and leaf colour transitions (i.e., Figure 8) in some Miombo species at a given time, across the three phenophases, is compensated by the leaf flush process in other species thereby striking the dry season 30 percent variation (Frost, 1996) balance in canopy cover display ensuring availability of 70 percent evaporative surface that increases as the phenophases transition from dormant to green-up.”

Line 730 – 750: Please go through these paragraphs and correct where necessary e.g. “Possible explanation for this pattern in MOD16...” and “...which indicate occurrence of health green vegetation...”

References

Please ensure a consistent reference style. A few references are presented differently to the majority (names and initials in full & journal title etc.).