

Supplementary Material

Tab. S1 - Living trees measurement of different girth classes for mixed cropping and forest swamp plots.

Nest radius (m)	Size	Tree size, dbh (cm)
2	Sapling	< 5
4	Small	5 – 14.9
12	Medium	15 – 29.9
20	Large	≥ 30

Tab. S2 - Peat profile description for mixed cropping and forest swamp plots.

Plot	Soil depth	Horizon	Description
Mixed crops	0-12	Oa	Very dusky red (2.5YR 2.5/2) to reddish black (2.5YR 2.5/1), Highly decomposed sapric organic material, dry loose, with new roots.
	12-38	Oe	Very dusky red (2.5YR 2.5/2) to reddish black (2.5YR 2.5/1), partly decomposed hemic material
	38-85	Oe	Very dusky red (2.5YR 2.5/2), partly decomposed hemic material, decomposed woody material (30%) below 70 cm.
	85-175	Oi	Dark reddish brown (5YR3/2), fibric material mixed with clay
	> 175		Sulfidic marine clay, massive
Forest	0-15	Oa	Dark reddish brown (5YR 3/2), highly decomposed sapric material, dry loose, with new roots
	15-50	Oa	Dark reddish brown (5YR 3/2), highly decomposed sapric material
	50-100	Oawd	Dark reddish brown (5YR 3/2), partly decomposed sapric, decomposed woody material (>40%) below 75 cm
	100-150	Oe	Dark reddish brown (5YR 3/2), highly decomposed hemic material
	150-200	Oe	Dark reddish brown (2.5YR3/3), partly decomposed hemic material, decomposed woody material (25%)
	320-380	Oe	Dark reddish brown (2.5YR3/3), partly decomposed hemic material, decomposed woody material (25%)
	> 380		Sulfidic marine clay, massive

Fig. S1 - Layout of a sampling plot design and a cluster of plots that was used in this study.

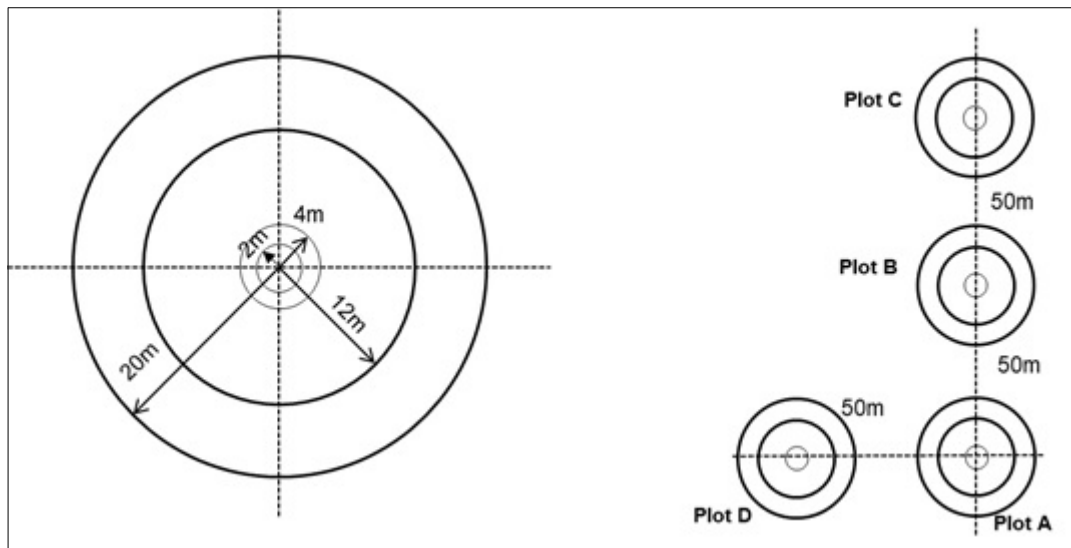


Fig. S2 - Rainfall and air temperature patterns in the study site from July 2018 to August 2019.

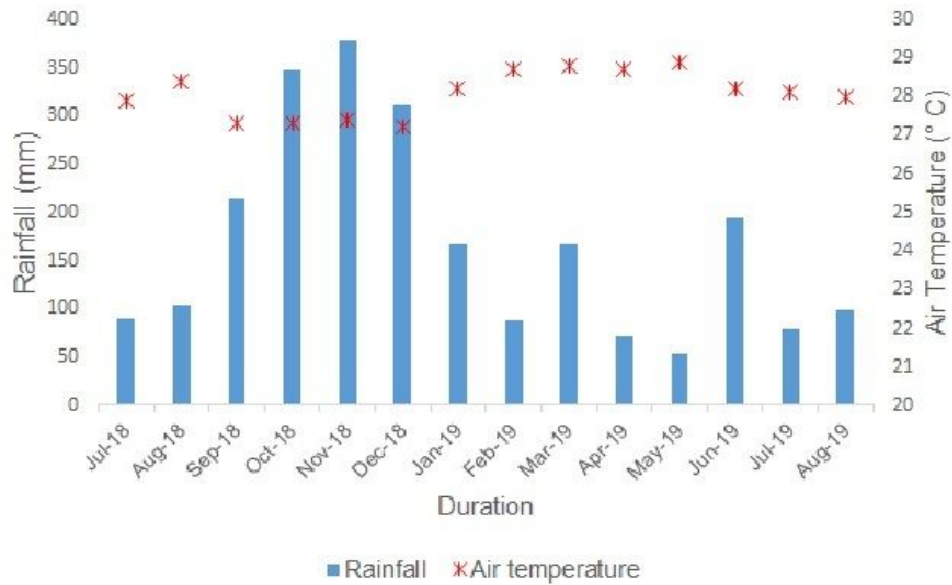


Fig. S3 - Water filled pore space at the study site (August 2018 – August 2019). Individual points with the same letters are not significantly different at $p \leq 0.05$ according to SNK test.

