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SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	**2019/IJPSS/50026**
Title of the Manuscript:	**EDAPHIC FACTORS AND FLOODING PERIODICITY DETERMINING FOREST TYPES IN A TOPOGRAPHIC GRADIENT IN THE NORTHERN BRAZILIAN AMAZONIA**
Type of Article:	**Original Research Article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
The authors have examined the abiotic factors associated with three forest types (treed and forested shade-loving, area of ecological tension, and open ombrophylous) along an elevation gradient (31m to 64.8m above sea level) in northern Amazonia. The methods included (1) characterizing the flooding regime in each of these forest types, (2) taking measurements of soil samples, and (3) characterizing the forest structure in each forest type. The soil sampling consists of one profile for each forest type – a 1m wide, 1m long, 80cm deep profile. Soil type, pH, organic matter and several nutrients and micronutrients were measured at three depths in each profile. The results are interesting as a general survey of forest types and their abiotic factors associated with them. They show that the flooding regime seems to be important in shaping the types of soil and forest, as the authors mention. Overall, I think this manuscript is interesting, providing data from a region where scientific study has been lacking and is difficult to work in. This study should be followed up with a more comprehensive study when possible. The English as been improved.	

Reviewer Details:

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