

Review of: "Reforesting_now"

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Potential competing interests: No potential competing interests to declare.

The paper concerns an exciting topic. However, it isn't very clear and needs substantial improvements.

First, the objective of the article needs to be clearly stated. I believe that more than "describe the actual point of the REFLORESTAMENTO_JÁ artwork aesthetic research", the goal is to utilize art to make people aware of the deforestation problem.

The structure of the paper could be more precise; I suggest using a more familiar format of a scientific paper (introduction, antecedents, study area, methods, results, discussion, conclusions or final recommendations...).

Augmented Reality technology should be defined, and authors should give some examples of such technology in the artistic domain. The description of deforestation is imprecise and sounds a bit "naive" (for instance, the phrase "If anyone observes the Brazilian forest preservation area maps, one will realize that they are very distant from the social-economic activities area and by that we are saying that it is very difficult to realize what is the importance of these areas if they are just photographs and news leads for the general public.". Please give hard data about deforestation rates and deforested area (There are many data on deforestation in Pará, for instance, from INPE) and the causes of deforestation.

The study area (Marabá) has an attractive location (Tocantins and Itacaiúnas rivers, Trans-Amazonian Highway) and a rich and conflictive history (colonization plans, mining, etc.). More information should be presented in the section "Study area".

A discussion should compare the present study and similar AR use in art/activism. It could be interesting to assess the impact of the artistic intervention (How many people visit the exposition ? Are there some returns/comments of visitors after having the experience?). The text is lacking conclusions.

More specific comments:

The city of Marabá or the municipality of Marabá?, maybe "city" is a bit misleading for many readers as it can be interpreted as an urbanized area.

Figure 1 is quite confusing. The caption is "Map of the degradation of the forest area since its primary state". However, Forest degradation is not a synonym for forest loss. Moreover, the map's legend (please translate it from Portuguese!) presents only two colours. However, the map has different tones of green and pink. Finally, the sentence "The Figure 1 points in green the dimension of the Amazonical Forest and the pink areas are the lost tree cover area" is not correct because there are green areas outside the Amazon bioma (Cerrado, Mata Atlántica) and many pink areas are tree cover area in the Caatinga bioma.

It is challenging to compare Figures 2 and 3 because the first one is a panoramic view, and the second is a satellite image. The ideal option was to try to do a similar shot of the historical photograph. However, I understand it takes work to do.

This article needs a revision in English.