

***Interactive comment on* “Fluctuations of Glaciar Esperanza Norte in the North Patagonian Andes of Argentina during the past 400 yr” by L. Ruiz et al.**

A. Rivera (Editor)

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Dear authors, I understand you are now preparing the final version of the manuscript including the modifications you enunciated in your responses to the reviewers. I hope to see this final version soon.

In the mean time, I would like to add couple of points regarding the figures:

-Figure 1. Could be possible to use a recent satellite image as background? The grey colour scale is not very useful, and I'm not sure how good will looks like the new version. Please consider this recommendation, in order to improve the visual quality of the paper.

-Figure 2. The distance between the glacier tongue and moraine M1 will be added,

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however, I realized the huge deformation of the photo used in this figure, when I saw the map in Figure 4. The distance between M1 and the glacier tongue is app. 3,3 km, but in Figure 2, most the viewed area is between M11 and M1 representing only 1,1 km. I'm not sure how to address this problem. Maybe you can use to distances between glacier tongue and M11 and then another between M11 and M1. Maybe you can explain the panoramic condition of the photo redirecting the reader to Figure 4 for a better understanding of the distances.

-Figure 3. Please consider eliminating the use of colours as boxes for years. I think you don't need both (only the year). I have difficulties in reading the levels within the boxes. Also you can consider adding a satellite image as background for the 2007 position (for example).

Lakes: -In Figure 2 I see two lakes one next to M11 and the other next to a big boulder. -In Figure 3 there is no lake -In Figure 4 I see two lakes (one next to M19 and one next to M11).

So, there are 3 lagoons (lakes is for bigger water bodies), but they are not clearly visible in the mentioned figures. Maybe you can add Lake superior (M19) to Figure 3 and in figure 4 you can add the small lagoon next to the boulder.

Regards, Andres

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