

Professor Tiago M. Alves
3D Seismic Lab
School of Earth and Environmental Sciences
Cardiff University – Park Place
Cardiff, CF10 3AT, United Kingdom

Telephone: +44 (0)2920876754; Fax: +44 (0)2920876326
E-mail: alvest@cardiff.ac.uk



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Subject: Replacement of Figure 3 in egusphere-2023-1671

By request of the typesetter at EGU sphere, I take this opportunity to ask Figure 3 in egusphere-2023-1671 to be replaced with a new figure I will send today, for the following reasons:

- a) Figure 3 is a critical figure for egusphere-2023-1671 insomuch as it explains the rationale behind the quantitative methods utilised in this paper. The figure experienced several changes throughout the review process, the latter of which was made before the submission of the final (ultimately accepted) manuscript in late November 2023.
- b) In this (later) accepted version of the manuscript I had changed the graph in Figure 3b (right hand-side of the figure) to accommodate negative values for both horizontal advection and uplift. I also changed the sense of advection in the figure, seen as the small arrow pointing to the left above the fault.
- c) Unfortunately, I forgot to change the sense of movement (and text showing what is the negative and positive side) in the figure, and I have just found out the problem in the run up to submitting the final proofs. Arrows were wrong, so I am sending a new figure to EGU sphere so that it will be replaced in the manuscript.

Therefore, I kindly ask you to accept this last-minute change and replace Figure 3 with a version sent today, via email.

Sincerely yours

Professor Tiago M. Alves