

Interactive comment on “Do crustal deformations observed by GPS in Tierra del Fuego (Argentina) reflect glacial-isostatic adjustment?” by L. Mendoza et al.

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Response to the Comments from the Referee:

After the submission of this manuscript for its consideration in TCD the cited manuscript in GJI has been accepted for its publication (ref. GJI-S-10-0206.R1).

In this cited paper a compressive description of the methodology and GPS analysis strategies used is given, and hence they need not to be addressed in so great detail again. Nevertheless, the comments and technical corrections suggested by the Referee (the number of epochs, the occupation times, error assessment, etc.), could be addressed in a final manuscript intended for publication in TC.

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New unpublished results, including the analysis of new observations performed in 2009 and 2010, are also available, to attempt a refined interpretation of the contribution of GIA and tectonics processes on the observed vertical rates in the area under investigation.

Interactive comment on The Cryosphere Discuss., 4, 1635, 2010.