

Interactive comment on “Hydrological, ecological, land use, economic, and sociocultural evidence for resilience of traditional irrigation communities in New Mexico, USA” by A. Fernald et al.

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Response. We greatly appreciate the detailed comments. We provide specific feedback only on the ones that appear to call for comment or revision

Comment: (In response to "Presentation quality.") Many figures are proposed . . . but no maps to precise where are done the analysis and how it fit in the region

Response. Will add schematic to situate New Mexico and upper Rio Grande for the reader

Comment. (in response to "Are the scientific methods and assumptions valid and C1396

clearly outlined?") Because of the limited volume of texts, each part of the article is too shortly explained. I wonder if this article should be transformed in three articles introduced by a shorter one, preparing the articulations between each articles.

Response. The whole point of the paper is that we are trying to integrate disciplines, and if we separate out it will be by discipline and lose the original intent.

Comment. Geographical figures and comments are not well included

Response. Will include at least one additional figure

Comment. The paper present only some final results (figures) with few calculation. One curious point is the 2095-2099 period of modelisation. . .

Response. Point well taken and we will explain the model period better.

Comment. Maps of the region, the valley and cade studies should be included

Response. We will include an additional map

Comment. Some figures are difficult to read

Response. We have revised figures to make them somewhat easier to read

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 1821, 2014.