

# ***Interactive comment on “ENSO-triggered floods in South America: correlation between maximum monthly discharges during strong events” by Federico Ignacio Isla***

**Anonymous Referee #1**

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An analysis of ENSO-triggered floods in South America is very welcome. Not only are these floods an extremely interesting geophysical phenomenon, they are also of utmost societal importance. The paper has access to an excellent data base that would be of interest to a wide readership, including scientists outside South America. Unfortunately, the paper reads more like a data report. For it to become publishable, I would encourage the authors to further explore the mechanisms that lead to these extraordinary floods, both in the atmosphere and on the land surface. While it is of interest to learn which floods have been affected by ENSO and which have not, this does not suffice for a scientific publication. An understanding of the mechanism of these floods, in particular the controls on their magnitude, would be necessary. Additionally, all line

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graph figures are of poor quality and need to be redrawn with proper labels of the axes, and the grammar needs improving. I encourage the authors to resubmit a suitably revised manuscript.

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