

Interactive comment on “Hydrometeorological and gravity signals at the Argentine-German Geodetic Observatory (AGGO) in La Plata” by Michal Mikolaj et al.

Anonymous Referee #2

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In 2015, after moving to La Plata in Argentina, TIGO became AGGO - the Argentine-German Geodetic Observatory. The present manuscript shows that the observatory has started its work in full and with great success. The manuscript is written fluently and provides a good overview of the data sets provided, their quality and possible interpretations - although the latter is not the subject of the manuscript. Depending on the degree of processing, the data from pedology/geology, meteorology and geophysics/geodesy are clearly presented in three categories: 1 - raw data, 2 - processed and 3 - user-friendly.

The manuscript describes the instrumentation of the observatory, the processing of the

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raw data and the results. These make you eager for results when the time series has become longer. I didn't see any big deficits in the presentation and organization of the manuscript and had a lot of pleasure working through it.

In the following I would like to note a few minor details. (1) First there are slight redundancies in the representation of the 3 data levels (page 2, line 30 and following) and p. 5, L 2 and following. (2) Please do not use cgs units but SI units (p. 7 table 2) (3) The accuracy of the percentages (in the first column in Table 2) allows a number representation up to the second decimal? (4) In general, I find the spatial relationship between illustrations and description in the text to be too large. Both should be presented more in relation to each other. The same applies to the tables (Table 4 and Section 3.3.2).

Figures Please, show in fig. 1a the position of the cities of La Plata and Bs. Aires. Enlarge fig. 1b and replace the yellow colour with a different one – it is hard to read. Explain “prec.” “meteo”, SM (??), SLR, GNSS etc. I suggest to include a photo showing some parts of the interior – if possible.

All other pictures are too small for my opinion - enlarge, if possible.

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