



## ***Interactive comment on “Description of the Baseline Surface Radiation Network (BSRN) station at the Izaña Observatory (2009–2017): measurements and quality control/assurance procedures” by Rosa Delia Garcia et al.***

### **Anonymous Referee #2**

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The paper gives a very clear overview of the quality control, calibration and measurement methods that are used for the IZA BSRN station.

The paper is very well written and provides information in a high graphical and documented level, the way the station instruments perform. The presented procedures and the web links are very useful for scientists that deal or will deal with these measurements.

I would definitely recommend the publication of this work in GIMDS journal as it in-

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cludes all the main aspects that the journal is dealing with.

I have to minor comments that could improve the publication.

A comment on the overall instrument's uncertainty (e.g. also in the abstract) would be helpful because future studies of long term changes in the parameters that are measured at this station, would be easy to be justified and assessed by citing this work.

Some additional information on Rayleigh scattering and extraterrestrial LibRadTran model inputs used, could be informative for the reader. I guess for such a low pollution environment the extraterrestrial choice/uncertainty will play an important role on the small differences of model vs measurements reported here.

Other

P1L20 variables

P2L1 contribute

P11L13 A Dep file ?

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<https://doi.org/10.5194/gi-2018-41>, 2018.

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