Comment on acp-2022-137 regarding proper acknowledgment of data sets
Emmanuel Mahieu

Community comment on "Updated trends of the stratospheric ozone vertical distribution in the 60°S-60°N latitude range based on the LOTUS regression model" by Sophie Godin-Beekmann et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2022-137-CC1, 2022

Dear Authors,
Dear Editor,

This post is not meant to be a scientific comment on the paper under discussion, but instead a request to get proper credit and acknowledgments for a NDACC (Network for the Detection of Atmospheric Composition Change) data set used in this work.

I noted that among others, a 25-year ozone FTIR time series derived from high-resolution infrared solar absorption observations collected by my team at the Jungfraujoch station has been used in this study, contributing to the evaluation of a possible recovery of ozone after 2000 above the Alpine regions (see e.g., Fig. 4 and Table 1). Hopefully, you found this data set valuable and useful.

If it is definitely great to see our data used in here again, it is unfortunate to note that they were not given proper credit.

Indeed, the first sentence in the acknowledgment section does not meet the basic requirement for NDACC data use, as defined by the network and available from this page: "http://www.ndaccdemo.org/data/use-agreement".

In particular, you will note that for the Jungfraujoch FTIR data, the DATA_RULES_OF_USE field in the hdf archives includes the following statement/requirement: “Inform the PI about the use of the data; for the publications, the following specific statement has to be added to the acknowledgment section (this is mandatory!): “The multi-decadal monitoring program of ULiège at the Jungfraujoch station has been primarily supported by the F.R.S.-FNRS and BELSPO (both in Brussels, Belgium) and by the GAW-CH programme of MeteoSwiss. The International Foundation High Altitude Research Stations Jungfraujoch and Gornergrat (HFSJG, Bern) supported the facilities needed to perform the FTIR observations”". 
It is indeed of utmost importance for us to keep track of the use of our data which goes beyond the papers we (co-)author and, even more important, to keep our sponsors satisfied and given the credit they deserve for supporting over the long-term such an experiment.

Another key question is data traceability. I would suggest clarifying which versions of the various data sets were actually used in this work, and to provide the dates and times when they were downloaded from the NDACC DHF or anywhere else. This should allow their unambiguous identification, now and in the years to come.

Thank you,

Emmanuel Mahieu