

Minutes NO_x Community Meeting, 07 March 2024 10:00-11:20 CET

- **Valerie Gros:** Regarding the levels of data within ACTRIS and their time resolution: Is it possible to have a higher time resolution than 1 hour in the corrected data?
Robert Wegener (RW): Yes, this is technically possible.
Yong Lin (YL): Level 0 and 1 from the instruments is archived and level 2 and 3 can be downloaded. We will discuss within the EBAS team whether we can provide higher time resolution to all users.
If researchers need level 0 or level 1 data for their work, we can provide such data on request.
- **Martin Steinbacher (MS):** Is it 1 min average as standard for the database?
RW: It is the lowest time resolution of the instrument that determines the lowest time resolution of the data.
- **MS:** How about the data management plan slide you showed last time? It is too small to decipher. The original file will be useful to have.
Link to view this file was shared in the chat and can also be found here: <https://github.com/actris/data-management-plan/blob/master/DMP/ACTRIS-DMP.md>
- **Christoph Buettner (CB):** How about the level 0 template?
RW: On the EBAS webpage, you can find them. You can send test data to the TC and we will look into it.
- **Robert Holla (RH):** Today we submitted last year's (2023) data to EBAS and got an error. Why is that happening?
YL: For the 2023 data submission to EBAS new metadata was made mandatory which is likely why this is happening. More level 0 metadata are now needed. It has to be discussed with the TC whether further metadata inclusion is needed. If there are issues with data submission, contact me.
- **RH:** Are we free to define the number of the status, e.g. secondary standard id?
RW: Yes, you can do it as you like.

Discussion points

- ➔ EBAS will discuss whether level 0 and level 1 data can be accessed/downloaded by any user.
- ➔ It has to be discussed within the data center and TC whether the ACTRIS final data is available in higher time resolution.
- ➔ The establishment of an instrument database for CiGas is being worked upon. There instrument identifiers, reference gas standards, calibration values etc. for each instrument as well as relevant information at each station can be stored. Therefore changes can over time be transparently traced back.
- ➔ The TC is working on software for NRT where level 0b will be calculated which will be accessible. Mainly for RRT data transfer.
- ➔ FZJN will prepare a **list of converters** and distribute this information.