
ACTRIS WEEK 2021

October 28-29, virtual meeting

Action Items

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October 28th

Welcome and the Progress Report of ACTRIS

Thursday October 28th, 09:00-09:45 CET

The session was attended by 189 (09:50 CET) participants.

Presentations by Eija Juurola and Paolo Laj

- See the slides
- Finland is the statutory seat of ACTRIS ERIC, the legal entity, that is starting the process and not signing the commitment letter as the others.
- Work needs to be done to make the ACTRIS as a clear and known brand among the stakeholders.
- ACTRIS is an RI providing tools. We need to make sure that our tools fit in science. We should consult with other RIs and have the means to consult the user (and potential user) needs. The focus is on the user needs. We also need to consider the evolution of the scientific field.

ACTRIS Information Sharing

Thursday October 28th, 09:45-10:30 CET

The session was attended by 185 (10:01 CET) participants.

Presentation by Giulia Saponaro

- See the slides
- Communication and information sharing are crucial!
- Virtual meetings are more inclusive as it allows more participants of all statuses to follow the project, not only PIs or group heads. We should also consider the carbon footprint of traveling. The hybrid format should be preferred.

- It is important for us to be able to explain the advantages of entering ACTRIS from an economic benefits point of view (which has been asked several times). This will hopefully be answered in the updated Business plan that will be published in the coming months.

Atmospheric Simulation Chambers: past experiences and future perspectives of ACTRIS

Thursday October 28th, 11:00-12:00 CET

The session was attended by 167 (11:39 CET) participants.

Presentation by Astrid Kiendler-Scharr

- See the slides
- Handbook is to be published towards the end of 2021/early 2022. We have to have it published by mid-2022, and it will be Open Access.
- There are possibilities to measure and examine biological particles. Some experiments require challenging ethical reviews. Collaborating with the appropriate experts, these challenges can be overcome.
- We should come up with ideas to use observational platforms and simulation chambers simultaneously. That would be very useful.

ACTRIS Science Session

Thursday October 28th, 13:00-14:30 and 15:00-16:30 CET

The session was attended by 192 (14:01 CET) participants.

- The two 90-minute scientific sessions included a total of 12 presentations about the science conducted within the ACTRIS community. The topics of the presentations included, but were not limited to, the effects of the COVID-19 restrictions and forest fires on the atmospheric state.

October 29th

ACTRIS Services

Friday October 29th, 09:00-10:30 CET

The session was attended by 165 (11:00 CET) participants.

Presentation by Rosa Petracca

- See the slides.
- In order to be listed into the service catalogue, one needs to provide SAMU (CNR) the description of the services, and there is no specific procedure for this. The template to facilitate this in the next version of the catalogue of services will be shared. The same is also true for NFs. The template is not on the web at the moment but could be placed on the ACTRIS intranet. In the framework of ACTRIS IMP we can organize a process with WP4 and WP5 leaders to facilitate the collection of information on services.
- Catalogue shall include all the services (search function of provider). There is no clear consensus whether the services shared with different units should be dealt within units or listed under all the TCs.
- A proposition is made to create a central document of ACTRIS acronyms (glossary) that will be distributed with every announcement for a meeting so that new participants can easily investigate their meaning. This is strongly supported. The ACTRIS Glossary is currently in its finalisation stage and will be available soon on the website, and the link can be distributed in the future as necessary.
- A request is made that the questions in the chat and the answers could be collected somewhere and provided to look things up later.

Presentation by Cathrine Lund Myhre

- See the slides.
- It is hoped that the FLEXPART footprints will be available for all ACTRIS NFs. ATMO-ACCESS will help to set up the system. A request is needed for ATMO ACCESS.
- The tool for Mie closure testing (for checking NRT data) can be made available for off-line use. Ideas have been developed related to that.

Development of the Labelling Process

Friday October 29th, 11:00-12:00 CET

The session was attended by 175 (12:24 CET) participants.

Presentation by Niku Kivekäs

- NF database is under development, but it is not existing yet. The database is planned to be published by the end of the year. It is important to think what is needed for the TC to start the labelling work. We need to discuss this in more detail.
- There should be a link between the labelling interface and the TC as the TC needs to be informed on the development in the system. The system will have a version control to see who has changed and what and include a record of changes. The TCs will be informed automatically.

- It is important for expected NFs to be able to prove that the stations can provide the data according to the labelling rules and actually deliver it.

Cross-RI Activities and Integration

Friday October 29th, 13:00-13:45 CET

The session was attended by 148 (13:19 CET) participants.

- Presentation by Lucas Alados Arboledas
 - We need a balance of cost vs. sensitivity. For observations with cost-effective instrumentation, sensitivity might be decreased. In-situ size distribution measurements & derived volume distributions need to be connected to the vertical profiling in addition to the mass measurements.
- Presentation by Martine De Maziere
- Presentation by Xavier Querol

ACTRIS in a European Landscape

Friday October 29th, 13:45-14:45 CET

The session was attended by 142 (14:35 CET) participants.

- Presentation by Werner Kutsch (ICOS-ERIC, new EU project PAUL)
 - We should ensure connection between emission of CO₂ to aerosol sources and other air quality parameters. There is potential for new services. Some of the cities are the same between RI-URBANS and PAUL. We should set up a working group to get together the projects, and this can be done early next year.
- Presentation by Vincent-Henri Peuch (CAMS)
 - The feedback to site operators would also be welcomed very much by NDACC PIs and has already been discussed with R. Engelen.
- Presentation by Jana Klánová (EIRENE RI)

SIAB Feedback and the Closing of the Meeting

Friday October 29th, 15:15-16:00 CET

The session was attended by 117 (15:21 CET) participants.

- SIAB should review its membership when ACTRIS is fully implemented.

- SIAB members would like to participate in more of the ACTRIS Week presentations and have discussions with ACTRIS community e.g. in a dedicated session.
- ACTRIS Science Conference to be organised within ACTRIS IMP timeframe.
- We need more engagement and communication with the NCPs. The HO will organise a meeting with the NCPs in near future.
- The NF Technical and Scientific Forum needs to be established, with the aim to convene the Forum in its first meeting in 2022.
- Important for us to keep the ACTRIS Community engaged.