AARHUS UNIVERSITY
DEPARTMENT OF AGROECOLOGY

Meeting date: 24 February 2023, 13:00-14:30
Meeting place: Teams Video Meeting
Meeting subject: Data Management Udvalg # Meeting 1, 2023

Attendees: Jens Grønbech Hansen, Lea Kjærgaard Eriksen, Amelie Marie Beucher, Anders Almskou Dahlgaard, Rene Gislum, Christina Rønn Ingvardsen, Maria Knadel, Maarit Mäenpää, Friederike Malisch-Johnigk

1. **Approval of the agenda**:
   Jens welcomes everyone to the meeting and suggests to skip the follow up of the Data Management Plan workshop, 30 January, due to a shorter meeting time today. The Agenda is approved.

2. **Announcements:**
   Jytte has retired at the end of 2023 and Friederike taking her role as secretary. She shortly presents herself to the group. Amelie is replacing Maria Knadel in the HPC committee. She plans to participate as much as possible regarding her workload, and is going to be a good link between HPC and the committee.
   Anders is announcing an invitation for the ARM Day in Flakkeberg (ARM = Agricultural Research Manager). It will take place on the 14th of March 2023 and might be relevant to employees at Foulumgaard.

3. **News from each section re data management issues:**
   There are currently no news from the Soil Fertility Section.

   The Crop section had a meeting to show how to collect and store data and Rene Gislum is working on a data management plan for the catch crop experiment. Jens adds that Rene Larsen will develop an infrastructure on how we can take care of big data from drones, satellites and robots, and what challenges and opportunities it includes. This will be done as a part of the Agro internal project re data management.

   Maria updates, that there is some ongoing work on databases in the Soil Physics group. There will be a meeting regarding the data management plan next week and they keep on working with national register datasets. The EGP Soil Programme Workshop was very technical about general approaches of data management. Generally, the use of open source tools should be improved, because currently private programmes are used. Jens encourages the increase of SQL expertise in our institute since SQL based platforms are a part of the future. The committee will keep that in mind and discuss it further.

The Crop Genetics and Biotechnology section does not work much with big data sets. The published sets are normally put in the NCBI database, but there is an interest in storing data and metadata on AU repositories s well.
Jens adds that AU would like to have its own trusted data repository in the future in order to avoid data loss caused by the end of contracts.

There is no current update from the System group. Generally, the importance of this kind of overview in order to capture the needs of the sections is emphasized.

In the following, Jens presents the outcomes from his meeting with the section leaders (see annex 1). The presentation, which will be attached to the minute, included among others the outcomes of the workgroups regarding the challenges of the different sections, the infrastructure for the implementation of fair data management and information on ASD (Åbent System til Datalagring).
The final Roadmap has the goal to inform everyone about goals and issues of data management, to include fair data management in our work and to rely on good practices and standards. The AU will secure the necessary technical equipment and expertise. The work regarding data management will be recognized as research-relevant activity.

Christina suggests to put up slide 10 in the coffee corners in order to inform employees of the definitions of the different data storage ways. The slides have to be translated into English first.

There will be a DIS Workshop on the 6th of March 2023 about digitization of trial planning and data flow from field / lab / database.

4. **Roadmap for 2023 inclusive decisions on dates for the two next workshops:**
   The Roadmap for 2023 can be found under O:\Tech_AGRO\Stab\Data management udvalg\Møder\2023. The members of the committee are encouraged to talk about it at section meetings or in the coffee corners. The Data Management Committee members can help to organise and distribute the Roadmap.

   The Data Management Commmitte should have a short meeting (30 minutes) in the middle of March to organise Workshop 2 in mid-April. Suggestions on a date will be circulated among the committee members. If you are interested in becoming a super user in ERDA, please let Jens know via Email.

5. **Latest news about ERDA and ERDA SIF / Jens**

   Jens Will meet with Sara Marie West on the 16 March to start the development of training material

6. **AOB**

Maarit was asked if she can be involved in the R programming language platform supposed to be integrated with selected databases with results from our long term field experiments. She agrees, but she adds that it is also of interest to think about storing the actual R scripts, so that not only data, but also the codes and the metadata is somehow stored and accessible.

It was also discussed to follow up and keep an eye on lower level data management problems and decision, such as personal excel sheets etc. and to share more best practice examples for daily use.

Defining Leas role in Flakkeberg is still in progress. Scientists need someone who has inside knowledge re data management and FAIRification.

The DMP-online with best practice examples and feedback regarding the examples was discussed. Anders raises the issue that most of his data is not supposed to be fair, but confidential, so he feels that most of the examples on the website are of limited relevance to his section. But FAIR means as open as possible, but as closed as necessary, so FAIR data management can still be relevant to confidential data.

The meeting closed at 14:30pm.