

**Meeting on: 21 August 2018 – 10:00 – 12:00**

**Minutes**

**M1**

**Section meeting**

**Present:** Climate and Water section

**Ad 1: Approval of agenda**

Jytte Christensen

Approved

**Ad 2: Messages:**

Date: 23 August 2018

Jørgen:

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- The financial situation for the department in 2018 is not looking good. The department leadership will meet again 31 August to discuss how to avoid a similar situation in the future. One of our strengths is our long-term experiments, which we hope will turn out to be very useful for us when the policy support will be put out to tender within the coming years.
- A department meeting will be organised at the 11 September in a Danish and an English version. All are welcome to join.
- A meeting on GDPR will be organised during autumn.
- Senior VIP meeting 13-14 November at Flakkebjerg. Sustainable development goals and water plans are on the agenda.
- New conditions for applications for FTP: The applications have to be reviewed prior to submission. The head of department is not allowed to sign the application if the application has not undergone a review. An e-mail has been distributed about this.
- To save costs it has been mentioned that building PV32 has to be vacated. Several factors have to be taken into consideration, so there is no final decision yet.

Jytte:

- RejsUd – our new reimbursement system – is now up and running. There is an introduction meeting 28 August (in Danish) and all are welcome to sign up.

**Ad 3: Staff Development Dialogues (SDD/MUS)**

You will soon receive an invitation to this from Jørgen.

**Ad 4: Publications**



The secretaries in AGRO will no longer type in peer-reviewed articles in PURE. An agreement on this has been made with AU Library <http://agro.medarbejdere.au.dk/en/aktuelt/all-announcements/news/artikel/pure-help-with-registrations/>. All other types of publications has to be uploaded by your secretary or by yourself.

You still have to inform Jytte, though, so we can ensure that all peer-reviewed articles are presented at our section meetings.

Effect of poplar trees on nitrogen and water balance in outdoor pig production – A case study in Denmark

A comparison of disaggregated nitrogen budgets for Danish agriculture using Europe-wide and national approaches

Release of carbon and nitrogen from fodder radish (*Raphanus sativus*) shoots and roots incubated in soils with different management history

Assessment of the water and energy budget in a peatland catchment of the Alps using the process based GEOtop hydrological model

Biomass yield, nutrient concentration and nutrient uptake by SRC willow cultivars grown on different sites in Denmark

Potato canopy growth, yield and soil water dynamics under different irrigation systems

Reducing uncertainty of estimated nitrogen load reductions to aquatic systems through spatially targeting agricultural mitigation measures using groundwater nitrogen reduction

Global field experiments for potato simulations

Development of a Low-Cost Solar-Powered Water Supply System for Small-Scale Drip Irrigation Farms in Sub-Saharan Africa: Dosing tank and Bell Siphon Perspective

Arbuscular mycorrhizal fungi alleviate abiotic stresses in potato plants caused by low phosphorus and deficit irrigation/partial root-zone drying

Effects of Reclaimed Water Irrigation on Microbial Diversity and Composition of Soil with Reducing Nitrogen Fertilization

### **Ad 5: Staff news**

Welcome:

- 1 July:
  - Merek Marie Kesser, PhD student from 1 July, Poul Erik is supervisor
  - Eric Danso, guest postdoc from Ghana, Mathias is host
- 1 August:
  - Jim Rasmussen, senior scientist, former affiliated to JORNÆR
- 20 August:
  - Ji Chen, researcher in CBIO.
- 1 September:
  - Vita Antoniuk, PhD student, Mathias is supervisor
  - Claudia Windeck, PhD student, Poul Erik is supervisor

### **Ad 6: Social event**

Our whole-day excursion on 16 August was an interesting and nice day.

Uffe suggested a visit at the [Cold Hand Winery](#) sometimes during winter.

Section Christmas lunch: F32 is reserved 14 December. We need to set up a committee for this at a coming section meeting.

Department Christmas lunch will take place on 7 December. We need to come up with two candidates. Jin volunteered and we will take this up again at our next section meeting.

Jørgen suggested that we visit the experiments at Julsgård and Nørreå. We will go there in the afternoon 8 October. Christen and Poul Erik are responsible.

### **Ad 7: AOB**

Nothing

### **Ad 8: Ansøgninger: status og muligheder (herunder kommende EU-call)**

All applications are put into ReAp, and it is important that you **always** inform Jytte about any updates related to the application.

Mathias:

- Will submit the application on RENTVAND to GUDP. It was never sent to MUDP because one partner withdrew.
- Works on an application to the Nordic Climate Fund together with Eric and other partners from Ghana

- Invited into a consortium from Finland and Ireland as an offshoot of the rejected ERA-NET SusCrop application CropAbioticStress. Working title is Agri-AquaLab.

Ji:

- Works on finalizing his application to Marie Curie.

Christen:

- Busy with the report on 'demofarm scale setup for Limfjorden with focus on grass for protein production'
- Contribute to a GUDP application for February. Uffe is in charge.

Jim:

- Plan to submit proposal to FTP this September
- GUDP February: in contact with a company on organic fertilizer

Uffe:

- Plan to submit an application to the GUDP call February on Green Biorefinery.
- Several projects coming into CBIO.
- In charge of an application on developing harvest methodologies with robots. Uffe has focus on the grass production.
- Upcoming H2020 call – January on Developing Rural Communities – also here Uffe will focus on green protein and biorefineries. Has contact to a Belgian consortium.
- Sustainable intensification in Africa – Torsten is in charge.
- The dean has expressed interest to the company Bestseller on a project on supporting development of fibers for textile (organic cotton and hemp for textile)
- The dean has also expressed interest to NovoNordisk on green biorefinery.

Nick:

- EEA contract – emission guidebook
- SEGES is interested in the work in Nohas' PhD on agricultural accidents. They will arrange a one-day workshop in 2019 and apply the Working Environment Research Fund.

Jørgen:

- Working on finalizing (together with Jeroen) the DESIRE application to Sus-Crop ERA-NET.
- Invited by FIBL to contribute to a H2020 on Climate Resilient Farms.
- Invited into an European joint program on soil and soil carbon, led by INRA. Hopefully, the co-financing can be covered by the national funding from the ministry.

Applicant	Grant Source	Project Title	Status	Application date	Applied amount total, incl. partners and overhead	Applied amount to the dept., incl. overhead	Notes
Jens Grønbech Hansen	CIMMYT	Tillægsbev. M0267 MLN Diagnostics and Prevention of Seed Transmission	submitted	01-01-2018	300.000	300.000	Fortsættelse af projekt 22133
Jørgen Eivind Olesen	GUDP	RowCrop2020	submitted	11-06-2018	4.431.777	2.445.768	WZ 2018-621-019219
Jørgen Eivind Olesen	GUDP	ClimOptic - Climate optimized fertilization in organic cropping systems	submitted	11-06-2018	4.989.128	2.949.898	WZ 2018-621-019213
Jørgen Eivind Olesen	SusCrop - ERA-NET	DESIRE - Designing sustainable intensification by integrating pest and disease management and resource efficiency in cropping system	second stage in preparation	01-08-2018	17.745.900	2.436.150	2018-621-014192
Uffe Jørgensen	Interreg Baltic Sea Region	Digital Bioeconomy Research and Innovation Framework (DIBRIF): Research and innovation consortium and infrastructure for Baltic Sea Regions bioeconomy digitalization	submitted	09-04-2018	6.377.700	670.000	WZ 2018-621-014293 Total Budget til AU 240.050€ (50% til AGRO og 50% til ENG)

## Ad 9: Diskussion af igangværende myndighedsopgaver

### Igangværende myndighedsopgaver

- Opdatering af NLES (Christen, Jørgen m.fl.)
- Kortlægning af dræn (Christen) - submitted
- Virkemiddelkatalog på klimagasser (Jørgen) - submitted
- Addendum opgaver (Finn)
- Grøn bioraffinering som vandmiljøvirkemiddel (Uffe)
- Offentlig ejet jord til økologisk dyrkning (Mette, Eva)
- Landbrugsfremskrivning (Nick)
- Teknologier for gyllespredning, miljøteknologi (Nick)
- Kvælstof virkemiddelkatalog (Christen, Jørgen, Uffe, Poul Erik, Jim, Finn)
- Bier (Mette)