

Luna Kondrup Marcussen  
Centre Administrator  
Department of Agroecology - Agricultural biodiversity

C.F. Møllers Allé 8  
1110, 428  
8000  
Aarhus C  
Denmark  
Email: lkm@ecos.au.dk  
Phone: +4522534704



## About

I am eager to put my experiences in research and administration to use in ways that contributes to developing research projects to better understand and manage natural and environmental conditions at the Social-Ecological Systems Simulation (SESS) Centre, Department of Agroecology, Aarhus University.

In my work, I fulfil this by assisting in national and EU research projects about environmental stressors that impact wild species, beekeeping, and crop production.

## Specialties

Supporting research project management, managing deliverable deadlines and monitoring budgets. Managing grant application by assisting SESS team in collaboration with Research Support Office and AU project controllers, collecting and monitoring application content. Administration and coordination within the SESS team, organising and prioritising workload. Managing team communication, collaborating with team members, organising team meetings. Supporting external communication, interacting with partners / participants (bookings, interviews, events). Supporting programming with updating and expanding ALMaSS C++ code. Assists with SESS social media – managing news outlets for projects and team.

## Employment

### Centre Administrator

Department of Agroecology - Agricultural biodiversity, Aarhus  
Aarhus University  
Aarhus C, Denmark  
2 Jan 2022 → present

## Education

Biology, MSc, Specialization in population ecology, genetics and conservation.

Thesis: Effects of Light-bellied Brent Geese (*Branta bernicla hrota*) Population Dynamics on Genetic Variation and Conservation, Aarhus University

Aug. 2015 → Sep. 2017

Graduation: 22 Sep. 2017

Biology, BSc, Optional courses in statistics, Aarhus University

Aug. 2012 → June 2015

## Research outputs

Topping, CJ, Bednarska, A, Benfenati, E, Chetcuti, J, Simon-Delso, N, Duan, X, Focks, A, Laskowski, R, Lombardo, A, Marcussen, LK, Metodiev, T, Rubinigg, M, Rundlöf, M, Sgolastra, F, Stoyanova, C, Susanj, G, Williams, JH & Ziolkowska, E 2024, 'PollinERA: Understanding pesticide-Pollinator interactions to support EU Environmental Risk Assessment and policy', *Research Ideas and Outcomes*, vol. 10, e127485. <https://doi.org/10.3897/rio.10.e127485>

Williams, JH, Bordoni, A, Bednarska, A, Pinto, MA, Henriques Martins, CA, Henriques, D, Sgolastra, F, Knapp, J, Loureiro, J, Sousa, JP, Gócs, K, Marcussen, LK, Rundlöf, M, von Post, M, Castro, M, Mølgaard, N, Simon-Delso, N, Capela, N, Thomsen, P, Casqueiro, R, Magagnoli, S, Holz, S, Castro, S, Dupont, YL, Filipiak, Z & Topping, CJ 2023, 'Roadmap for action on the environmental risk assessment of chemicals for insect pollinators (IPol-ERA)', *EFSA Supporting Publications*, vol. 20, no. 11, 8431E. <https://doi.org/10.2903/sp.efsa.2023.EN-8431>

Dupont, YL, Marcussen, LK & Kryger, P 2022, 'En anderledes fotokonkurrence: Årets sidste blomster', *Tidsskrift for Biavl*, pp. 306-307.

Topping, CJ, Marcussen, LK, Thomsen, P & Chetcuti, J 2022, 'The Formal Model article format: justifying modelling intent and a critical review of data foundations through publication', *Food and Ecological Systems Modelling Journal*, vol. 3, e91024. <https://doi.org/10.3897/fmj.3.91024>

Dupont, YL, Marcussen, LK, Greve, MB & Kryger, P 2022, 'En anderledes fotokonkurrence: Sensommerens blomster for bier', *Tidsskrift for Biavl*, vol. 2022, no. September, pp. 282-283.

Dupont, YL, Marcussen, LK & Kryger, P 2022, 'En anderledes fotokonkurrence: Sommerblomster for bier', *Tidsskrift for Biavl*, vol. 2022, no. August , pp. 242-243.

Dupont, YL, Marcussen, LK, Greve, MB & Kryger, P 2022, 'En anderledes fotokonkurrence: Blomster for bierne i forsommeren', *Tidsskrift for Biavl*, vol. 2022, no. Juli , pp. 210-211.

Dupont, YL, Marcussen, LK, Greve, MB & Kryger, P 2022, 'En anderledes fotokonkurrence: Forårsblomster for bier', *Tidsskrift for Biavl*, vol. 2022, no. Juni, pp. 188-189.

Dupont, YL, Marcussen, LK, Greve, MB & Kryger, P 2022, 'En anderledes fotokonkurrence: Trækplanter i det tidlige forår ', *Tidsskrift for Biavl*, vol. 2022, no. Maj, pp. 154-155.

Dupont, YL, Topping, CJ, Duan, X, Williams, JH, Marcussen, LK & Kryger, P 2021, 'På vej mod udvikling af en ny pesticid-risikovurdering for bier', *Tidsskrift for Biavl*, vol. 9, pp. 286-288.

Madsen, J, Marcussen, LK, Knudsen, N, Balsby, TJS & Clausen, KK 2019, 'Does intensive goose grazing affect breeding waders?', *Ecology and Evolution*, vol. 9, no. 24, pp. 14512-14522. <https://doi.org/10.1002/ece3.5923>

Clausen, KK, Marcussen, LK, Knudsen, N, Balsby, TJS & Madsen, J 2019, 'Effectiveness of lasers to reduce goose grazing on agricultural grassland', *Wildlife Biology*, vol. 2019, no. 1. <https://doi.org/10.2981/wlb.00560>

## Projects

### **BFOOD-DK: Documentation of flower resource availability and optimization of location and density of honey bee hives in Denmark**

Dupont, Y. L. (Project manager), Topping, C. J. (Participant), Duan, X. (Participant), Marcussen, L. K. (Participant), Kryger, P. (Participant), Greve, M. B. (Participant) & Ziolkowska, E. (PI)  
01/06/2023 → 01/06/2026

### **B-GOOD: Giving Beekeeping Guidance by cOmputatiOnal-assisted Decision making**

Topping, C. J. (PI), Duan, X. (Participant), Williams, J. H. (Participant), Poulsen, T. (Participant), Marcussen, L. K. (Participant), Alison, J. (Participant), Groom, G. B. (Participant) & Mølgaard, N. (Participant)  
01/07/2019 → 01/11/2023

### **EcoMetric: Building a framework for developing a dynamic metric to measure farmland biodiversity in a spatio-temporally changing landscape**

Dupont, Y. L. (Project manager), Topping, C. J. (Participant), Williams, J. H. (Participant), Nielsen, M. B. (Participant), Groom, G. B. (Participant), Mølgaard, N. (Participant), Andersen, A. H. (Participant), Poulsen, T. (Participant), Marcussen, L. K. (Participant), Dalby, L. (Participant), Heldbjerg, H. (Participant) & Torma, G. (Participant)  
01/04/2024 → 30/06/2026

**EcoStack: Stacking of ecosystems services: mechanisms and interactions for optimal crop protection, pollination enhancement, and productivity**

Topping, C. J. (PI), Williams, J. H. (Participant), Andersen, A. H. (Participant), Thomsen, P. (Participant), Marcussen, L. K. (Participant), Ziolkowska, E. (Participant), Mølgaard, N. (Participant), Chetcuti, J. (Participant), Eriksen, B. D. (Participant) & Høye, T. T. (Participant)  
08/09/2018 → 08/03/2024

**IPol-ERA: Roadmap for actions on Advancing the Environmental Risk Assessment of Chemicals to Better Protect Insect Pollinators**

Topping, C. J. (PI), Williams, J. H. (Participant), Dupont, Y. L. (Participant), Thomsen, P. (Participant), Mølgaard, N. (Participant), Capela, N. (Participant) & Marcussen, L. K. (Participant)  
07/09/2022 → 07/08/2023

**MAMBO: Modern Approaches to the Monitoring of BiODiversity**

Høye, T. T. (Project coordinator), Moeslund, J. E. (Participant), Walicka, A. (Participant), Dyrmann, M. (Participant), Kerby, J. T. (Participant), Bjerger, K. (Participant) & Marcussen, L. K. (Participant)  
01/09/2022 → 31/08/2026

**MUSBERA: Implementation and communication of a MULTiple-Stressor Bee Environmental Risk Assessment**

Dupont, Y. L. (PI), Topping, C. J. (Participant), Duan, X. (Participant), Marcussen, L. K. (Participant), Kryger, P. (Participant), Ziolkowska, E. (Participant) & Williams, J. H. (Participant)  
01/08/2021 → 30/06/2025

**Organic+: Demonstrating and improving the benefit of organic farming on biodiversity and the environment**

Dupont, Y. L. (PI), Topping, C. J. (Participant), Chetcuti, J. (Participant), Williams, J. H. (Participant), Mølgaard, N. (Participant), Duan, X. (Participant), Marcussen, L. K. (Participant), Groom, G. B. (Participant), Andersen, A. H. (Participant), Poulsen, T. (Participant) & Torma, G. (Participant)  
01/01/2022 → 31/12/2025

**PollinERA: Understanding pesticide-Pollinator interactions to support EU Environmental Risk Assessment and policy**

Topping, C. J. (Project coordinator), Williams, J. H. (Participant), Marcussen, L. K. (Participant), Chetcuti, J. (Participant), Poulsen, T. (Participant), Ziolkowska, E. (Participant), Mølgaard, N. (Participant), Eriksen, B. D. (Participant) & Nafisi, S. (Participant)  
01/01/2024 → 31/12/2027

**SESS: Social-Ecological Systems Simulation centre**

Topping, C. J. (PI), Williams, J. H. (Participant), Duan, X. (Participant), Dupont, Y. L. (Participant), Groom, G. B. (Participant), Chetcuti, J. (Participant), Marcussen, L. K. (Participant), Mølgaard, N. (Participant), Thomsen, P. (Participant), Andersen, A. H. (Participant), Poulsen, T. (Participant), Alison, J. (Participant), Capela, N. (Participant), Nafisi, S. (Participant), Ziolkowska, E. (Participant), Eriksen, B. D. (Participant), Xie, L. (Participant) & Torma, G. (Participant)  
10/12/2020 → ...