



Louise Strange

Cand. Scient. Environment and Development

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EXPERIENCE

2020 – now **Research assistant**, Section for Technology – Transitions and System Innovation, UNEP DTU Partnership, DTU Management Engineering

- Project assistant for the TEMARIN project, including conducting fieldwork in Kenya, processing and analysing qualitative interview data and preparing written products and presentations.
- Research within Solar PV in Kenya, global value chain and ICT solutions for smallholder farmers in Kenya and Uganda.
- Prepare and moderate online workshops and webinars.
- Assisting work on research proposals and Technology Needs Assessment related activities.

2019 **Head of section**, DTU High Tech Summit 2019, DTU Compute (September - December)

- Four months project employment for DTU High Tech Summit 2019 – One of Denmark's largest Tech conferences focusing on sustainable technologies with 6000 participants.
- Responsible for program, participants and registration online
- Stakeholder management

2017 - 2019 **Student assistant** Sustainability Department, DTU Management Engineering.

- Student assistant for senior researcher Simon Bolwig.
- Conduct research within sustainability, value chain optimization of sustainable food production, climate, environment and bio-economy.
- Independently collect and process qualitative data for various projects, including interviewing key informants.
- Process and analyse qualitative data and write evaluations and co-author a book chapter
- Create project presentations in PowerPoint for large conferences.

Evaluations and publications:

Book chapter

Bolwig, S., A. Brekke, L. Strange, N. Strøm-Andersen. **Valorization of whey, a tale of two Nordic dairies**. Kapitel 9 i: Klitkou, A., A. Fevolden, M. Capasso. 2019. From waste to value – a study of valorization pathways for organic waste streams in Nordic bioeconomies. London. Routledge. Se: https://www.academia.edu/38760361/Valorisation_of_whey._A_tale_of_two_Nordic_dairies

Evaluation for Roskilde municipality:

Strange, L., Bolwig, S. **Evaluation of Grøn Puls energy retrofit programme among private homes in Roskilde Municipality – Qualitative section**. 2017. See: <https://bit.ly/2ndtjo0>

- 2018 **Visiting researcher**, International Center for Tropical Research (CIAT Asia), Vietnam
- I wrote my thesis in close collaboration with a larger research project at the University of Copenhagen and CIAT Asia. This collaboration involved:
- Assist in the creation of the research design to support both the purpose of the thesis as well as the KU research project's objectives.
 - Manage the data collection in for field for the thesis and the research project and supervise and train two Vietnamese interpreters and two field assistants.
 - Budgeting and logistic planning.
 - Develop questionnaire, interview guides and workshop material.
 - Select workshop participants and relevant interviewees at different local levels.
 - Facilitate eight gendered workshops of eight participants each.
 - Write research proposals for the research project to gain access to various databases at extern Universities.
- 2017 **Intern**, Development Section for Environment, Energy and Climate, the Danish embassy in Indonesia, Ministry of Foreign Affairs
- Assist in all aspects of Danida's Environmental Support Programme.
 - Assist the organization of the visit of minister for development cooperation, Ulla Tørnæs
 - Conduct research within the environment, energy and climate.
 - Assist in the collaboration of key Indonesian officials, local NGOs as well as local and international consultants.
 - Prepare written products in the form of one-pagers, press releases, presentations and invitations, translation of documents etc.
- 2016 **Volunteer**, DanChurchAid, Go' Global, Zambia
- Organise and do presentations about climate change for children and youngsters in Chipata in Zambia. Make teaching materials such as poster illustrations.
 - Collaborate with local volunteers.
 - Experience with presenting in front of a large crowd of about 80 students.
 - Conduct my own research for a university project about climate variations and climate perceptions using a questionnaire and interviews with locals in Chipata.

EDUCATION

- 2016-2019 **MSc in Environment and Development** (Naturresourcer og Udvikling), University of Copenhagen
- Thesis, July, 2019: **The Impact of Ethnicity on Adaptation Capacity to Climate Change – a comparative analysis of coffee production systems in Vietnam's Central Highlands.**
- I wrote my thesis in connection with the large research project "Improved Business Through Seasonal Forecasting for Coffee in Vietnam" led by KU and CIAT (Asia), which is developing a climate farming app for coffee farmers. I examined the impact of ethnicity for Vietnamese coffee farmers' ability to adopt this new climate adaptation technology. The results showed significant differences between ethnic minorities' and majorities' opportunity to take up new technology. This involved two months of independent fieldwork in rural Vietnam.
- Methodologies and competencies:
- Questionnaire, workshops, group interviews, semi-structured interviews.
 - Statistical analyses of large data sets in Excel and STATA.
 - Mixed method approach.
 - Research proposals
 - Working with interpreters

2016	Exchange, BSc in Environmental Science and Sustainability Cornell University, USA
2013-2016	BSc in geography and geoinformatics University of Copenhagen
2012	Study Abroad, BSc Double degree in BA of Business BA of Science in Information University of Technology, Sydney
2011-2013	BSc in Global Business Informatics (engelsksproget uddannelse) IT Universitetet i København

SPEAKER AT CONFERENCE

2018	Tropentag, Belgien. Interdisciplinary conference on research in tropical and subtropical agriculture, management of natural resources and rural development. Poster presentation of a field project from Thailand: Beyond the Green Revolution: Thailand's Attempt to Guide Path Dependent Farmers Towards More Sustainable Practices. 2018.
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OTHER SKILLS

Language	Danish English	Native Fluent	IT	Microsoft Office Pakken STATA Commcare, survey software	Super user Experienced user Super user
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REFERENCES

Senior researcher, Simon Bolwig, DTU Management Engineering, UNEP DTU Partnership - Technology - Transitions & System Innovation

Head of Innovation & Project Manager for High Tech Summit, Mark Bernhard Riis, DTU Compute