

Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

Here is an overview of the various teaching, supervision and workshop responsibilities undertaken by me. The medium of instruction for all courses and supervision is in English.

Course Name - Course description - Year and Location - Responsibility

Advanced LCA - Consequential and IO-based Life Cycle Assessment - LCA course for PhD students, academics and professionals with experience in LCA2019 – 2022

Aalborg University, Denmark - Support and evaluate practical exercises using Brightway2 by course participants, organize discussion sessions and analyse the benefits and challenges of using advanced LCA methodologies

Industrial Design: Strategisk materialevalg - Introductory LCA course for 6th semester bachelor's degree students of Industrial Design - Spring 2022

Aalborg University, Denmark - Developed lectures on Life cycle impact assessment and interpretation. Supported in LCA application to case studies on furniture design.

Techno- Anthropology: Teknologisk domæneviden - Introductory LCA course for 2nd semester bachelor's degree students of Industrial Design - Spring 2022

Aalborg University, Denmark - Developed lectures on Life cycle impact assessment and interpretation. Supported students in the use of Simapro software.

Naturressourcer og samfundet - Course for 2nd semester bachelor's degree students of Environmental Management - Spring 2020

Aalborg University, Denmark - Developed lecture and online exercises on Planetary boundaries

Miljøvurdering og forvaltning - Course for 6th semester bachelor's degree students of Biology - Spring 2020 Aalborg University, Denmark - Developed lectures on introduction to LCA, concepts of functional unit, goal and scope, system boundaries. Exercises with SimaPro

Life Cycle Assessment - Course for 2nd semester master's degree students Spring 2020 Mahidol university, Thailand - Developed lectures on LCA case studies, Modelling of Recycling and exercises using SimaPro

Global environmental issues Multi-disciplinary course for final year BSc students

2017 -2018, Massey University, New Zealand Developed lectures and additional teaching material for the course that covers the use of industrial ecology and LCA principles as a guide for sustainable consumption and production of agricultural products

Sustainable Product design Course for 3rd year bachelor's degree electronic engineering and product design students 2017 -2018, Massey University, New Zealand Developed lectures and additional teaching material for the course which covers the awareness of resource and environmental constraints and the use of LCA principles as a guide to assess carbon

footprint for the sustainable design of electronics

Supervision

Environmental Management and Sustainability Science Final semester master's degree students Spring 2022 Co-supervision of two groups and full supervision of one student. Thesis topics are mainly in reference to application of LCA in the construction sector

Cities and Sustainability Final semester master's degree students Spring 2022 Supervision of one student project working on the application of LCA of typical residential buildings in Argentina

Miljøvidenskab 6th semester bachelor's degree students of environmental management Spring 2020 Co-supervision of a group assessing the role of key actors in the sustainable construction industry in Denmark.

Miljøvidenskab 6th semester bachelor's degree students of environmental management Spring 2020 Co-supervision of a group performing LCA of Agricultural Buildings

Cities and Sustainability 2nd semester master's degree student enrolled in cities and sustainability Autumn

2019 Supervision of one master's student's project on environmental impact from business air travel in collaboration with industry partner at Siemens

Miljøvidenskab 6th semester bachelor's degree students of environmental management Spring 2019 Co-Supervision of two groups performing LCA applied to case studies in the plastic and packaging industry

Type your answer here...

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc.

Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

I have been actively involved in the planning and revision of the Advanced LCA course for PhD students since 2021. Type your answer here...

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

I am currently enrolled in the PBL course for Assistant professors. Type your answer here...

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

As a part of Erasmus Plus international teaching mobility, I was involved in teaching LCA (theory and software) in Mahidol University, Thailand. I also had the possibility to host a PhD student and mentor her during her PhD research performed at Aalborg University. Besides that I have also organized some workshops for PhD students and staff on the following topics:

Workshops organized:

FAIR data - Autumn 2020 Aalborg University - Organized a workshop for the department of planning in collaboration with CLAUDIA – research data services at AAU to introduce best practice data management and introduce the tools to ensure research data is accessible and interoperable

BONSAI Hackathon -Spring 2019 Barcelona -Organized a hackathon with LCA practitioners and Computer scientists from several universities to develop a working example of the use of semantic web to maximise data reliability, interoperability and accessibility.

Journal Club 2016 – 2018 Massey University, New Zealand - Organized and conducted monthly journal clubs for PhD and MSc students to critically evaluate scientific literature on LCA methodologies and the application of LCA

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

In relation to my lectures I have developed several educational material consisting of both PowerPoint presentations and exercises.

6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

Type your answer here...

8. Any other information or comments.

Type your answer here...