

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.

November-December 2015: Supervision assistance to Assistant Professor Massimo Pizzol for M.Sc. student on the topic of social product life cycle assessment.

Annually 2015-2022: Teaching 2 days on PhD. course on 'Consequential Life Cycle Assessment' as classroom lecturing and exercises. The last year using flipped classroom with pre-recorded video lectures, online Q&A sessions, and only exercise sessions onsite.

December 2020 – December 2021: Supervision of PhD on the topic of 'Assessing the impact of sustainable aviation fuel production with respect to the Sustainable Development Goals'

December 2021 – ongoing: Supervision of PhD on the topic of 'Modelling Household Behavior and Consumption Patterns'

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.

2012-ongoing: Management of the involvement with the International Life Cycle Academy (www.ilca.es) including development of curricula, new web-based course formats, course descriptions and course materials.

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

Only prior to 2015.

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.

Conference contribution: <https://vbn.aau.dk/en/publications/experiences-from-the-use-of-web-based-audience-engagement-systems>

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.

May-December 2015: Review and contributions to textbook on LCA: www.lcatextbook.com

2018: Development and testing of three new courses (in context of the International Life Cycle Academy) on Life Cycle Impact Assessment (1 week PhD Course), uncertainty (3 days PhD. Course), and Input-Output/hybrid LCA (1 week PhD course). Development of exercises for these courses (in Python for the second). Development of new exercise on consequential/attributional EPDs using interactive digital tool "consider.it", applied also in conference context. Draft course design on the topic of Science-based Design for Sustainability.

2019-2020: Review of three recent textbooks on LCA, including the development of a list of criteria for a good beginner's LCA textbook. Published in Journal of Industrial Ecology 24:726-730.

2021: Video lecture and exercises on the topic of Planetary boundaries for online Department course on Sustainability.

2022: 10 video lectures on Consequential Modelling in Life Cycle Assessment. Published on YouTube:
https://www.youtube.com/playlist?list=PLdeMRDEdKW1uf9sr83G9vweym_q7dg44q

2022: Development and test of new PhD course on Life Cycle Sustainability Assessment

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

Type your answer here...

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)

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8. Any other information or comments.

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