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Pedagogical view

As a teacher, I aim to provide my students with analytical skills and develop competences useful in addressing environmental engineering projects in real-world settings. I believe that a primary role of university teachers is also to inspire students, so that the necessity to learn about the particular topic comes/evolves to an extent naturally. However, this is not self-sufficient and needs to be complemented with relevant and up-to-date information/content and tools. Teaching must be organized so that it ensures active engagement and participation from the students. In our field, this can be achieved by blending lectures with more practical work sessions (e.g. industry site visits, group work), and projects/cases where concepts taught in class are applied. To ensure that learning objectives are achieved, it is first important to align and clarify expectations. In my case I experienced that open class discussion and a close engagement from the teacher during practical work sessions can help monitor progress towards learning objectives.]

Teaching Experience

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| 2021-Ongoing | Waste Management: from waste to resources (10 ECTS – MSc. level). Role: Course responsible, lecturer. Offered at the Faculty of Engineering, University of Southern Denmark |
| 2021-Ongoing | Eco-efficient engineering (10 ECTS – MSc. level). Role: Course responsible, lecturer. Offered at the Faculty of Engineering, University of Southern Denmark |
| 2017-2019 | Solid Waste Processing and Recycling (5 ECTS – MSc. level). Role: Course responsible, lecturer between 2017-2019. Offered at the Faculty of Engineering, University of Southern Denmark |

Pedagogical Training

- Lecturer training programme at the University of Southern Denmark. 2024. Development project addressing the functioning of groups in semester projects.
- Teaching & learning – 2.5 ECTS course, taken in 2012 at the Technical University of Denmark (DTU)
- Attended TAL2023 Teaching and Active Learning conference, topic: Group work - formats, function, facilitation, and effect on learning and well-being. 2nd of November, University of Southern Denmark. Odense.
- Attended TAL2018 Teaching and Active Learning conference that took place on the 6th of November at the University of Southern Denmark.

Supervision

PhD students

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| 2024-Ongoing | Socio-Technical Transition for a Circular Diaper System. Ruby Bubinek |
| 2024-Ongoing | Business sector plastics circularity towards a climate neutral region. Rasmus Paulsen Holm |
| 2023-Ongoing | Green transition of the healthcare system in the Region of Southern Denmark. Ofir Eriksen |
| 2023-2024 | Unearthing Patterns of Sociometabolic Transitions Towards Material Efficient Societies. Wensong Zhu |
| 2023-2024 | The Material Constraints of the Energy and Climate Transition. Simone Della Bella |
| 2018 | Life Cycle Assessment of current and prospective waste management systems in Brazil. Role: co-supervisor. Universidade de São Paulo |