Wu Chen
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Pedagogical View

As a teacher, I focus on helping students develop systems thinking and the skills needed to solve real-world challenges, particularly in material flow analysis. I combine theory with practical case studies to make learning more engaging and meaningful. My courses emphasize group projects and case-based learning, giving students the chance to apply their knowledge in real situations. I strive to create an interactive environment where discussions and active participation are encouraged. By using real-world examples, I help students see how theory connects to practice. I also provide regular feedback and foster open dialogue to guide them in solving practical problems with confidence.

Teaching Experience

2021 – Present Material Flow Analysis

Faculty of Engineering, University of Southern Denmark (10 ECTS – MSc level)
Role: Course responsible, Lecturer

2021 – 2023 Method in Science

Faculty of Engineering, University of Southern Denmark (5 ECTS – MSc level)
Role: Course responsible, Lecturer

2021 – Present Sustainable Development

Faculty of Engineering, University of Southern Denmark (5 ECTS)
Role: Lecturer

2021 – Present Sustainability for Engineering

Faculty of Engineering, University of Southern Denmark (5 ECTS –Summer School)
Role: Lecturer

Supervision

Postdoc

• Zhuang Qian (2022-Present): Quantifying Food Loss and Waste to Reduce
• Qudsia (2023): waste management and circular economy

PhD Students (Co-supervisor)

• Wensong Zhu (2023 – 2024): Unearthing Patterns of Sociometabolic Transitions Towards Material Efficient Societies
• Qiance Liu (2022-2024): Material Flow Analysis based Multidimensional Sustainability Assessment for Resources Circularity: Case of Neodymium

Pedagogical Training

• Lecturer Training Program, University of Southern Denmark (2024)
• TAL2023 Teaching and Active Learning Conference, University of Southern Denmark, Odense (2023)
• Teaching course, University of Southern Denmark, Odense (2018)