



Environmental Management and Social Responsibility in global value chain - a theoretical and methodological approach exemplified with cases from the maritime industry;

Visiting Professor: Prof. Annik MAGERHOLM FET (Norwegian University of Science and Technology -Trondheim, Norwegia)

Short description of the lecture:

This lecture includes the ability to understand which methods from the Natural Sciences, Technology, the Humanities and Social Sciences are appropriate for the particular work, how to classify and give preference to the single approaches and how to integrate them in the doctoral project where sustainability, industrial ecology and environmental responsibility has a central position.

The course-content covers central research methods: - qualitative and quantitative methods, - systems theory and engineering, - business research methods and action research. In addition the course will give an overview of the most relevant decision supporting methods related to industry; environmental management, material flow analyses, LCA, risk assessment, multi criteria decisions support tools and standardisation methodologies and their implication on development and improvements on products, processes, organisations and value chains. Strategies and logistics in industrial networks will also be touched upon if relevant. Some attention will be given to writing for peer-reviewed journals.

Contents:

1. Sustainability and Social responsibility
2. Overview of environmental management tools for systems improvement
3. Main principles in environmental management systems (EMS)
4. EMS implementation – a practical approach
5. LCA-methodology and application with examples from the maritime industry
6. Sustainability communication, performance indicators and reporting
7. Thinking in Systems



Terminy wykładów			
Data	Dzień tyg.	Godzina	Sala
2015-04-09	Cz	20.00-22.00	ZiE 401
2015-04-10	Pt	16.15-22.00	ZiE 202
2015-04-11	So	8.15-15.00	GG 300