

Program 3rd PhD conference on Sustainable Development, 29 September 2023

09:15-09:45	<p>Welcome and inspirational presentation – acceleration of progress</p> <p>The year of 2023 marks the mid-point of the implementation of the 2030 Agenda, which is based on 17 Sustainable Development Goals that includes ending poverty, reducing inequality and tackling climate change. Early efforts after the SDGs were adopted produced some favourable trends. In the past three years however, disasters such as the COVID-19 pandemic, the war in Ukraine and climate-related disasters have veered many of the goals off-track. Therefore, an acceleration of progress was called for at the High-Level Political Forum on Sustainable Development in July 2022. The latest High-level Political Forum took place in July 2023 and will be followed by the 2023 SDG Summit in September, where the outcome of the summit is to create a negotiated political declaration.</p> <p>Kristina Jönsson will give a welcome and introduction to the conference, followed by short presentations by Thomas Hickmann and Magdalena Bexell on the current progress of the 2030 Agenda and the latest updates from the High Level Political Forum.</p>		
10:00-10:40	<p>PAPER PRESENTATIONS (room Ed236)</p> <p>1- The divide between economic growth and environmental sustainability</p> <p>Research presentations:</p> <ul style="list-style-type: none"> • Jesica López (CEC, Faculty of Science): <i>Understanding challenges and prospects of suitable cattle ranching practices in the north Colombian Amazon through stakeholder involvement and group modelling</i> • Albert Duodu (Economics, School of Economics and Management): <i>Carbon Offshoring and Manufacturing clean-up</i> 	10:00-10:40	<p>PAPER PRESENTATIONS (room Ed235)</p> <p>2- Tools, designs and methods to better understand human health</p> <p>Research presentations:</p> <ul style="list-style-type: none"> • Clarisse Kagoyire (Physical Geography and Ecosystem Sciences, Faculty of Science): <i>Spatial and population-based analyses to investigate socio-economic factors associated with undernutrition</i> • Maria Takman (Chemical Engineering, Faculty of Engineering): <i>From removal of organic micropollutants to wastewater reuse</i>
10:40-10:45	Break		
10:45-11:40	<p>PAPER PRESENTATIONS - continued (room Ed236)</p> <p>Research presentations:</p> <ul style="list-style-type: none"> • Johanna Fink (Economic History, School of Economics and Management): <i>Can the creation of separate bidding zones within countries harm solar PV expansion? Evidence from Sweden</i> • Bernard Ekumah (LUCSUS, Faculty of Social Sciences): 	10:45-11:20	<p>PAPER PRESENTATIONS - continued (room Ed235)</p> <p>Research presentations:</p> <ul style="list-style-type: none"> • Tanya Andersson Nystedt (Clinical Sciences, Faculty of Medicine): <i>Coming across a hidden problem in an excluded population in Sweden: professionals' experiences of young migrants' disclosures of sexual violence</i> • Open questions for all presenters

	<p><i>Balancing Growth and Sustainability in Developing Economies: A Critical Analysis of the Politics of Farmer Support Policies in Ghana's Agriculture</i></p> <ul style="list-style-type: none"> • Open questions for all presenters 		
11:40-11:50	Break	11:20-11:40	Break
11:50-12:30	<p>3- Agenda 2030 and education: the potential value of art and music schools</p> <p>Seminar. Room Ed236 Organized by Ida Knutsson (Malmö Academy of Music, Faculty of Fine & Performing Arts)</p> <p>The fourth Sustainable Development Goal (SDG 4) stipulates ensuring “inclusive and equitable quality education and promote lifelong learning opportunities for all” (UN, 2023). I investigate how teachers from the classical instrumental tradition in Swedish Art and Music Schools teach groups of children. I have found that even though the teachers were unable to verbally report how they worked with democracy in class, they showed clear democratic ambitions. For that reason, an investigation of instrumental music teachers’ democratic teaching could be useful for education institutions globally.</p> <p>The purpose of this seminar is to get input from other disciplines; how does a non-musician scholar perceive the potential value of instrumental music group teaching for children from an Agenda 2030 perspective?</p>	11:40-12:30	<p>4- How climate change is understood in financial terms from a company’s exposure perspective</p> <p>Workshop. Room Ed235 Organized by Andreea Neagu (Business Administration, School of Economics and Management)</p> <p>My research area stands at the intersection between organizational strategy, policymakers and financial institutions and how such actors assess, measure, commit and set targets in the transition towards a Net Zero society. Moreover, I am analyzing mandatory and voluntary initiatives in sustainability reporting that help companies to understand their material risks in relation to climate change more systemically, set targets, and align in their transitions.</p> <p>In this workshop, there will be a joint discussion about how these positive targets can be addressed and implemented, if understanding climate change through a financial perspective helps in creating positive outcomes respectively, and how the climate sentiment is to be stabilized for a long-term perspective from a financial perspective.</p>
12:30-13:30	Lunch break		
13:30-14:50	<p>5- Elusive carbon: the uncertainty of carbon fluxes and carbon management in climate research</p> <p>Seminar. Room Ed236 Organized by Agnieszka Rzepczynska (Biology, Faculty of Science), Margot Knapen (Physical Geography and Ecosystem Sciences, Faculty of Science) & Lina Lefstad (LUCSUS, Faculty of Social Sciences)</p> <p>There might be an impression that the global carbon cycle in terms of carbon storage, transformations and fluxes are well understood by</p>	13:30-14:50	<p>6- What is a sustainable food system and how does it lie at the heart of the UN’s SDGs?</p> <p>Panel discussion. Room Ed235 Organized by Jesica López (CEC, Faculty of Science) & Anna Stubbendorff (Clinical Sciences, Faculty of Medicine)</p> <p>According to The Food and Agriculture Organization of the United Nations (FAO), food systems (FS) encompass the entire range of actors, their interlinked value-adding activities and parts of the broader economic, societal and natural environments in which they are embedded. Therefore, any structural change in the</p>

	<p>scientists. However, studying these processes is rather elusive due to matters of complexity, scale and climate change itself.</p> <p>This seminar is part of the joint PhD seminar series on environmental challenges at Lund University and will highlight ongoing PhD research related to carbon. Agnieszka Rzepczynska (Biology) investigates soil microbes and their role in the global carbon cycling. Lina Lefstad (LUCSUS) analyses the sustainability of Carbon Capture and Storage technology and their expectations for net carbon removal. Margot Knapen (Physical Geography and Ecosystem Science) looks at whether vegetation models are keeping pace with rapid and complex changes occurring in the Arctic carbon cycles due to climate change.</p>		<p>food system might originate from a change in another system. But what is considered and defined as a Sustainable Food System (SFS) and how does it lie at the heart of the United Nations' Sustainable Development Goals (SDGs)?</p> <p>We will use specific national examples to navigate through the complexity and characteristics of how a sustainable food system could be reshaped, for example factors like productivity, better inclusion of poor and marginalized populations, more sustainable and resilient systems, and ability to deliver healthy and nutritious diets.</p>
<p>14:50-15:20</p>	<p>Fika and poster session</p> <p>Posters</p> <ul style="list-style-type: none"> • Alice Jansson & Mattias Ingelström (Industrial Electrical Engineering and Automation, Faculty of Engineering): <i>Electrification of transport: What do we need to reach a sustainable transport fleet in Sweden?</i> • Karolina Pantazatou (Physical Geography and Ecosystem Sciences, Faculty of Science): <i>How to help cities grow sustainably? Geospatial input data requirements to daylight and noise simulations from an urban densification planning perspective</i> • Linnéa Bendrot et al. (Solid State Physics, Faculty of Engineering): <i>Imagining the invisible – The role of high-performance infrared cameras in environmental sustainability</i> • Michaelin Sibanda (LUCSUS, Faculty of Social Sciences): <i>Traditional seed systems and crop diversity dynamics: Characteristics and implications for women in agroecology</i> • Satabdee Dash (Design Sciences, Faculty of Engineering): <i>Design of flexible structures – A design for additive manufacturing (DfAM) perspective</i> 		
<p>15:20-16:00</p>	<p>PAPER PRESENTATIONS (room Ed236)</p> <p>7- The voice of the people – how values, strategies and social movements can create changes in society</p> <p>Research presentations:</p> <ul style="list-style-type: none"> • Carlo Nicoli Aldini (Sociology of Law, Faculty of Social Science): <i>Legal mobilization in times of political standoffs: how a piece of pecorino led to a trial against the largest steel factory in Europe</i> 	<p>15:20-16:50</p>	<p>8- The use of Dynamic Adaptive Policy Pathways for Decision-Making under Deep Uncertainty</p> <p>Workshop. Room Ed235 Organized by Michelle Ochsner (Transport and Roads, Faculty of Engineering)</p> <p>The call to adapt to the negative effects of climate change has increased over recent years. Extreme weather events are becoming more severe and frequent due to climate change. Decision makers and planners face the added challenge of dealing with the uncertainties related to climate change, the changing physical environment, and changing socioeconomic developments.</p>

	<ul style="list-style-type: none"> • Annika Otto (Transport and Roads, Faculty of Engineering): <i>Polymaking for sustainable transitions in times of acceleration – the case of cycle logistics</i> 		<p>The purpose of this session is to explore the use of DAPP for flexible adaptation planning. First, the session will begin with presenting an on-going project and some preliminary results of a Vinnova funded project aimed at testing DAPP in Trelleborg, Sweden to protect an at-risk coastal railway. Then the session will work through collectively creating an adaptation pathways map and end with discussing how to hold a successful workshop.</p>
16:00-16:05	Break		
16:05-17:00	<p>PAPER PRESENTATIONS continued (room Ed236)</p> <p>Research presentations:</p> <ul style="list-style-type: none"> • Ronald Byaruhanga (LUCSUS, Faculty of Social Science): <i>From peasant to sovereign: revalorization of peasant agriculture as a pathway to food sovereignty in Uganda</i> • Georgios Tsiakiris (Environmental Psychology, Faculty of Engineering): <i>Self-transcendence and value activation within green spaces</i> • Open questions for all presenters 		
17:00-	AFTER WORK (Ed235 & Ed236)		