

POSTERS SESSION 1

POSTERS SESSION 2

Climate vulnerability and adaptation to dwindling water availability in Melamchi watershed Central Nepal Pradip Gautam, Wageningen
Modelling nitrogen and phosphorus loading from finfish aquaculture Ciska Overbeek, Wageningen
Investigating Determinants for Carbon Dioxide, Methane and Nitrous Oxide Emissions from Crop Production Systems under Central European Conditions Lars Odefey, Hohenheim
Carbon Sequestration Projects in the Peruvian Tropical Forest Teresa Rojas, Hohenheim
Public subsidies for advanced irrigation technologies as adaptation measure for climate change Christian Troost, Hohenheim
Expectations and Global Climate Change Jan Horický, Prague
Optimization of soil-amendment mixtures for subsurface irrigation systems Andreas Schwen, Vienna
Climate change scenarios for the headwaters of the Große Mühl - bias evaluation of ECHAM5/REMO input data and hydrological analysis Klaus Haslinger, Wien
The results of climate change for agriculture Ewelina Gajo, Warsaw
Coupling of Mid-Infrared Spectroscopy with Evolved Gas Analysis for Prediction of Soil Organic Matter Pools and Activities Scott Demyan, Hohenheim
Levels and determinants of mal-nutrition in children, southern Ethiopia: Situational analysis in the changing climate and rising global food prices Fikadu Reta Alemayehu, Copenhagen
Preparing for the impacts and adapting to the Inevitable:What can Sustainable Agriculture do in Addressing the Climate Change Challenge? Justice Akpene Tambo, Hohenheim
Monitoring of fish qualitative characteristics Petr Doxanský, Prague
Impacts of different soil tillage treatments on soil microbial activity of agriculturally used soils in Austria Undrakh-Od Baatar, Vienna
Impacts of different soil tillage treatments on soil carbon dynamics and CO² emissions from agricultural soils Gerlinde Trümper, Vienna

Does global warming change earthworm mediated CO² and N₂O release from a soil? Julia Auber, Hohenheim
Effects of elevated CO² and different climatic conditions Ivan Guzman, Hohenheim
Impacts of elevated CO² concentration and biodiversity on the carbon carbon cycle of a Mediterranean model ecosystem Franziska Kugler, Hohenheim
Ozone biomonitoring with different cultivars of snap bean Helen Willems, Hohenheim
Variation in protein complexation and phenolic content within and among species across an altitudinal gradient in subarctic Sweden. Elin Olofsson, Uppsala
Does Heracleum mantegazzianum have allelopathic or autopathic effects? – A test of the ‚novel weapon‘ hypothesis Christine Frigaard Weinreich
Climate change impacts on spruce bark beetle Lenka Zajickova
Study of the implementation of the Convention on Biological Diversity (articles 5, 8, 13) in the National Park Morrocoy-Venezuela Alejandro Ceballos, Copenhagen
Biofuel versus food production and deforestation in the Brazilian savannah: impact on food security and climate change Marcus,Finco, Hohenheim
Biogas support for Tanzania Johannes Krümpel, Hohenheim
Desertification, a threat to regional development, the case of Northern Cameroon Margarette Enowkpa Egbe Tambi, Copenhagen
Freshwater scarcity Nečekal Mikuláš, Prague
Impact of global climate change on consumer decision making Petr Pohl, Prague



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Venue: Universität Hohenheim Schloss Aula
Conference fees: No fees will be charged

How to get there: For more information and maps see
www.uni-hohenheim.de/lageplan.html



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UNIVERSITÄT HOHENHEIM



**Climate Change –
Global Change Impacts,
Adaptation and Mitigation**
University of Hohenheim, 5 – 6 November 2009

Scientific Student Conference



Euroleague
FOR LIFE SCIENCES
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INTRODUCTION

Global climate change threatens to alter the geo- and biosphere of our planet irreversibly. As a result, our social and economic systems will be confronted with substantial challenges in the future. **The first Euroleague for Life Science Student Conference** on “Climate Change – Global Change: Impacts, Adaptation and Mitigation” brings together students and teachers **from the seven ELLS partner universities** to address some of these forthcoming issues. Problems and threats will be discussed regarding: food production and security, biodiversity and ecosystem functioning, biofuel energy sources and social science and economics. The conference will **highlight ideas and results from young scientists** who will be instrumental in our fight against the impacts of global climate change.



PROGRAMME

Thursday, 5 October 2009

8:00	Registration and poster mounting
9:00	Welcome and opening by Rector Hans-Peter Liebig, Hohenheim
9:10	Climate Change – observed impacts, unavoidable adaptation and necessary mitigation Prof. Hartmut Graßl, Max-Planck-Institute for Meteorology Hamburg
Session 1: Environmental modelling Chair: Stefan Ignar Warsaw	
10:00	Introduction: Land use changes and climate change effects on the water regime Willibald Loiskandl, Vienna
10:20	Management practises and evaluation of performance indicators for concept of sustainable development within stormwater management master plan / Case study Tehran Annette Ziller, Vienna
10:35	Groundwater monitoring on wetland areas – description of hydrological status of fens, bogs and marshes of the Red Bog (Biebrza Valley, Poland) Alicja Zajaczkowska, Warsaw
10:50	Impact of climate change on discharges in the Czech Republic Adam Vizina, Prague
11:05	Analysis of precipitation extremes in transient RCM runs Martin Hanel, Prague
11:20	Life cycle assessment (LCA) on various rice cropping systems and their impacts on environment in Asia. Barbara Dannenmann, Hohenheim
11:35	Coffee Break
Session 2: Impacts on agriculture, food security and food quality Chair: Lutz Graeve, Hohenheim	
11:50	Introduction: A Food Safety Perspective on Climate Changes Susanne Knöchel, Copenhagen
12:10	Antimicrobial compounds from protective cultures and their quantification Eva Clara Wegscheider, Copenhagen
12:25	Can integrated water resources management help subsistence agriculture farmers adapt to climate change? Kok Boon Wee, Uppsala
12:40	Poverty impacts of climate change in Linares province of Chile Evgeny Latynskiy, Hohenheim

12:55	Soil organic carbon dynamics in soybean-based cropping systems in the Brazilian Cerrados Laura Battle Bayer, Wageningen
13:10	Lunch
Session 3: Impacts on biodiversity and ecosystem functioning Chair: Willibald Loiskandl, Vienna	
14:00	Climate change and conservation challenges Jörgen Rudolphi, Uppsala
14:20	Effects of climatic changes on the hydrology, chemistry and vegetation of the Red Bog Ewelina Kosela, Warsaw
14:35	Method for measuring nature conservation values on drained peatlands from a landscape perspective Hanna Engström, Uppsala
14:50	Analysis of a river training structure according to Schauburger Daniel Maurer, Vienna
15:05	Impact of climate change on cyanobacterial blooms in the Baltic Sea Maria Lund Paulsen, Copenhagen
15:20	Does elevation of atmospheric CO2 affect the abundance and function of denitrifiers in a grassland ecosystem? Kathleen Regan, Hohenheim
15:35	Coffee break Guided poster session 1 Chair Johannes Steidle, Hohenheim
Session 4. Bioenergy and biofuels Chair: Bjarne Strobel, Copenhagen	
16:30	Bioenergy - boon or bane Joachim Müller, Hohenheim
16:50	Certification as a means for sustainable biofuel production? – Potentials and constraints Umejesi Emeka, Hohenheim
17:05	Development of works with energy crops in Department of Plant Physiology WULS, with a special emphasis on CO2 absorption by these crops Tomasz Horaczek, Warsaw
17:30	Guided poster session 2 Bjarne Strobel, Copenhagen
18:30	Buffet dinner
20:00	Students Party at Thomas-Müntzer-Scheuer organised by the International Students Organisation

Friday, 6 November 2009

Session 5: Climate change, economy and society Chair: Wim Heijman, Wageningen	
08:30	Introduction: Impact of Global Climate Change on Economy and Economics Petr Prochazka, Prague
08:50	Carbon sequestration in forests as a method of climate change mitigation based on examples in Poland and Iceland. Joanna Dzikowska, Warsaw
09:05	Adaptation to Climate Change among rural People in South Bangladesh Mette Skamris, Copenhagen
09:20	Using GMO to Combat the Effects of Global Warming Olga Sramkova, Prague
09:35	Emission Trading in the EU Zuzana Macháčková, Prague
10:00	Workshop on student mobility „Looking beyond your own backyard - Benefits of a study abroad period“ Moderation: Anna Lauritz, SLU Uppsala
11:00	Coffee Break
11:30	Discussion with Rectors of the ELLS universities How do life science universities meet the challenges of a changing world? – Student mobility and possibilities for taking up hot new subjects at your university. Moderation: Anja Pedersen, SLU (Chair of the Euroleague Student Association ELSA)
Award ceremony	
12:30	ELLS Distinguished Fellowship Willibald Loiskandl, BOKU Vienna Appreciation of the first degree holders of the MSc. EnvEuro Bjarne Strobel, LIFE Copenhagen ELLS Prize for Excellent MSc Theses Hans-Peter Liebig, Rector University of Hohenheim
13:00	Closing and Lunch
14:00	Facultative afternoon programme - Excursion to research station „Unterer Lindenhof and visit of the biogas plant - Guided tour to Mercedes-Benz-Museum Stuttgart